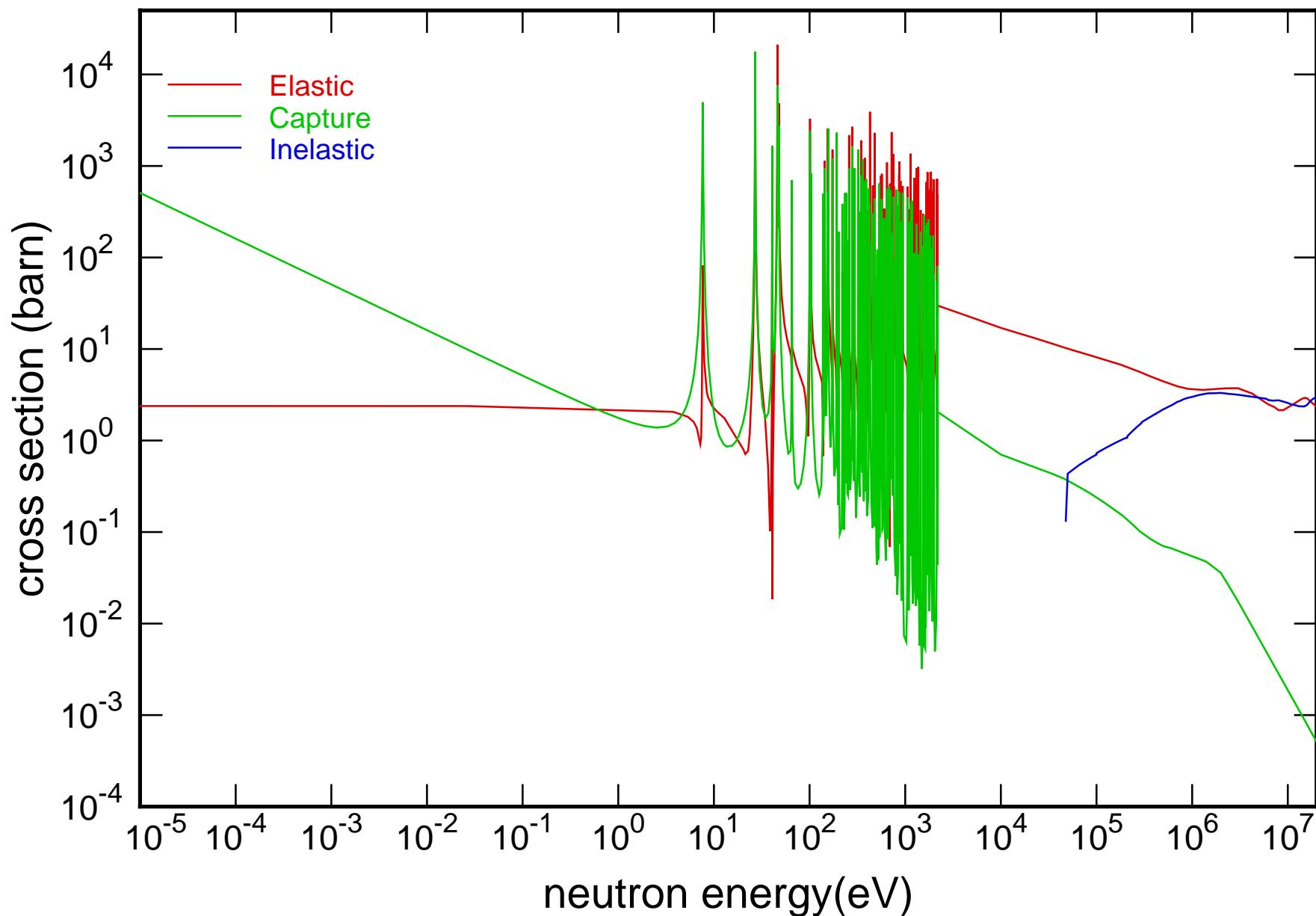
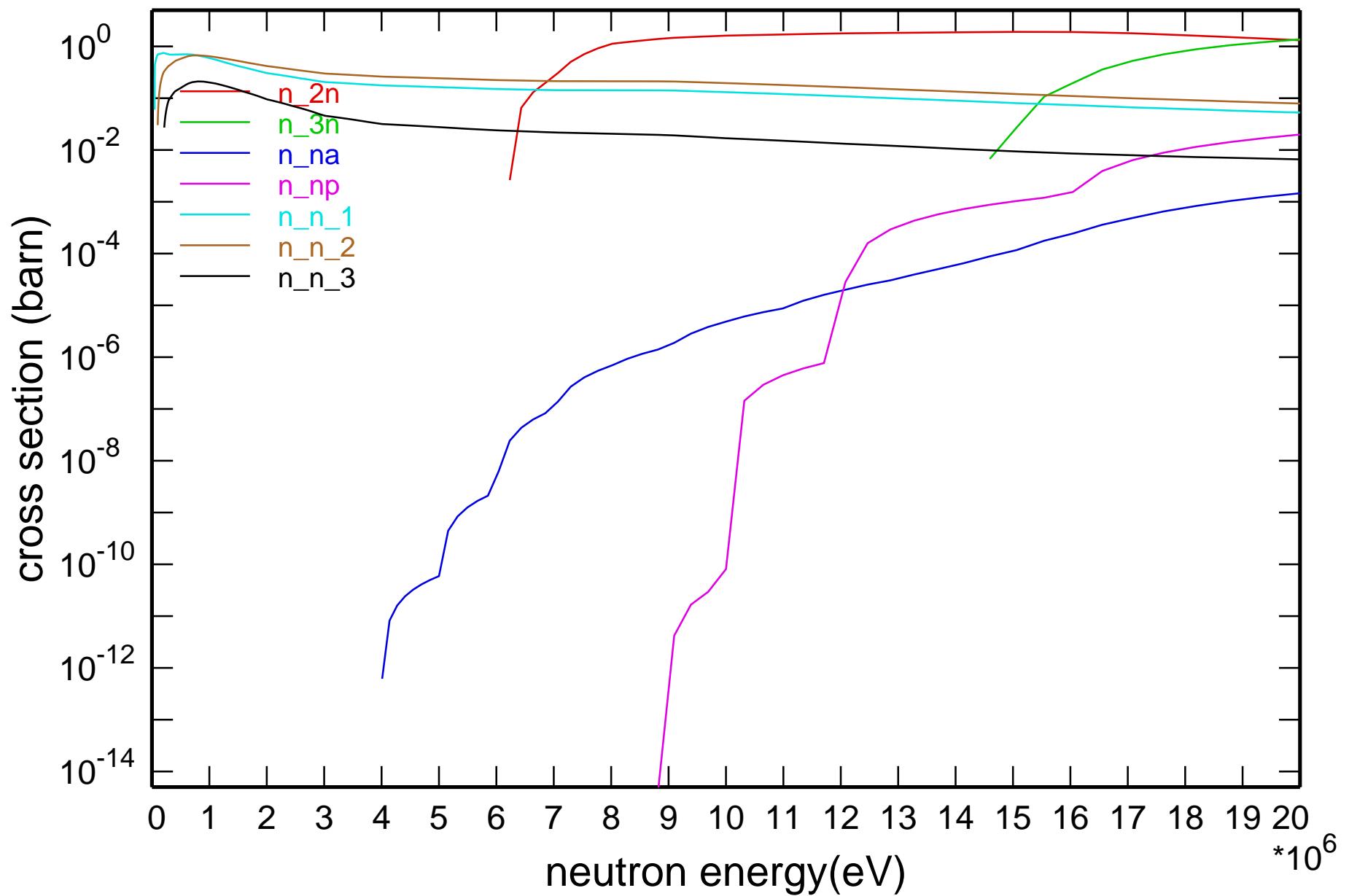


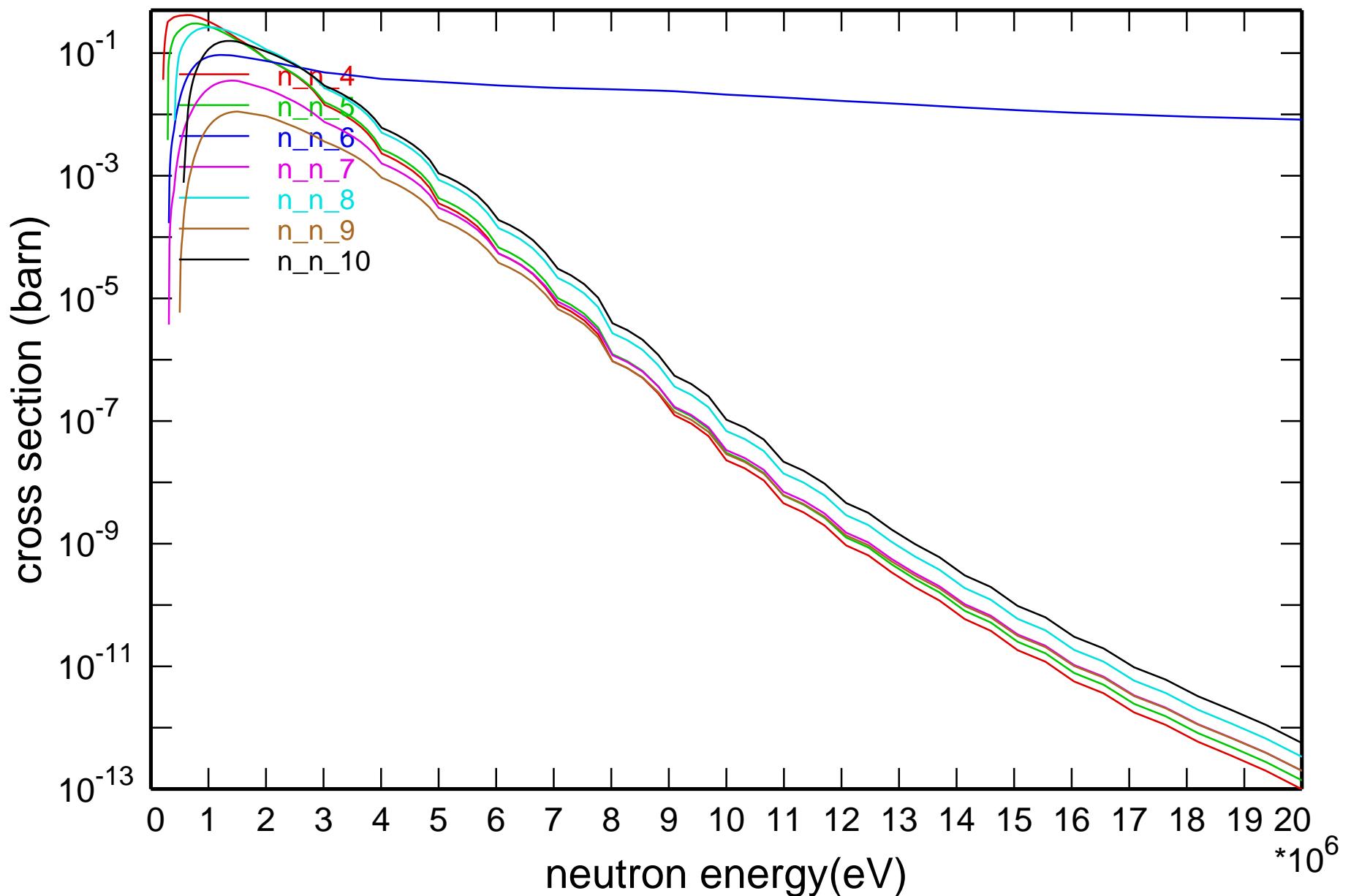
Main Cross Sections



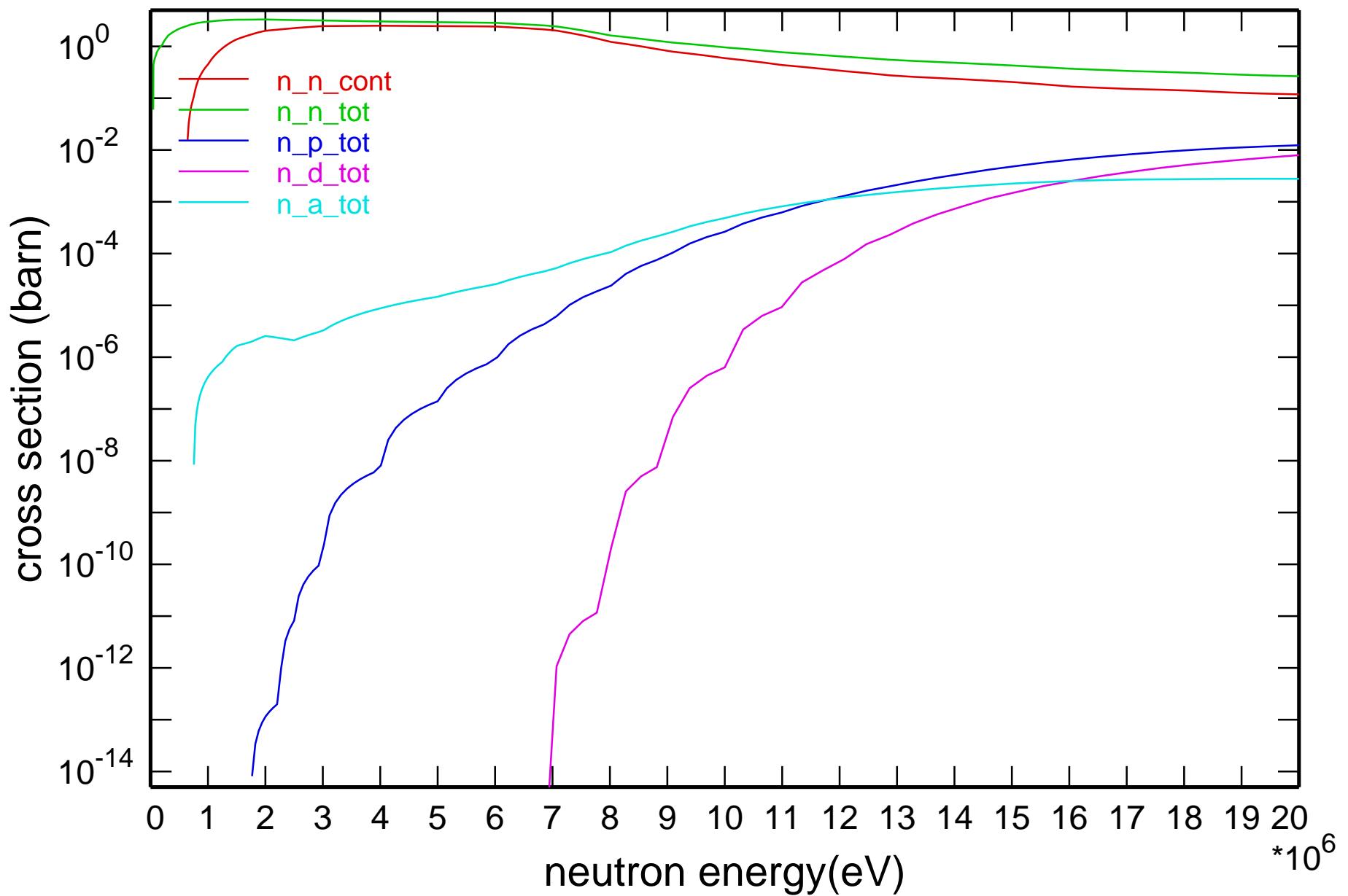
Cross Section

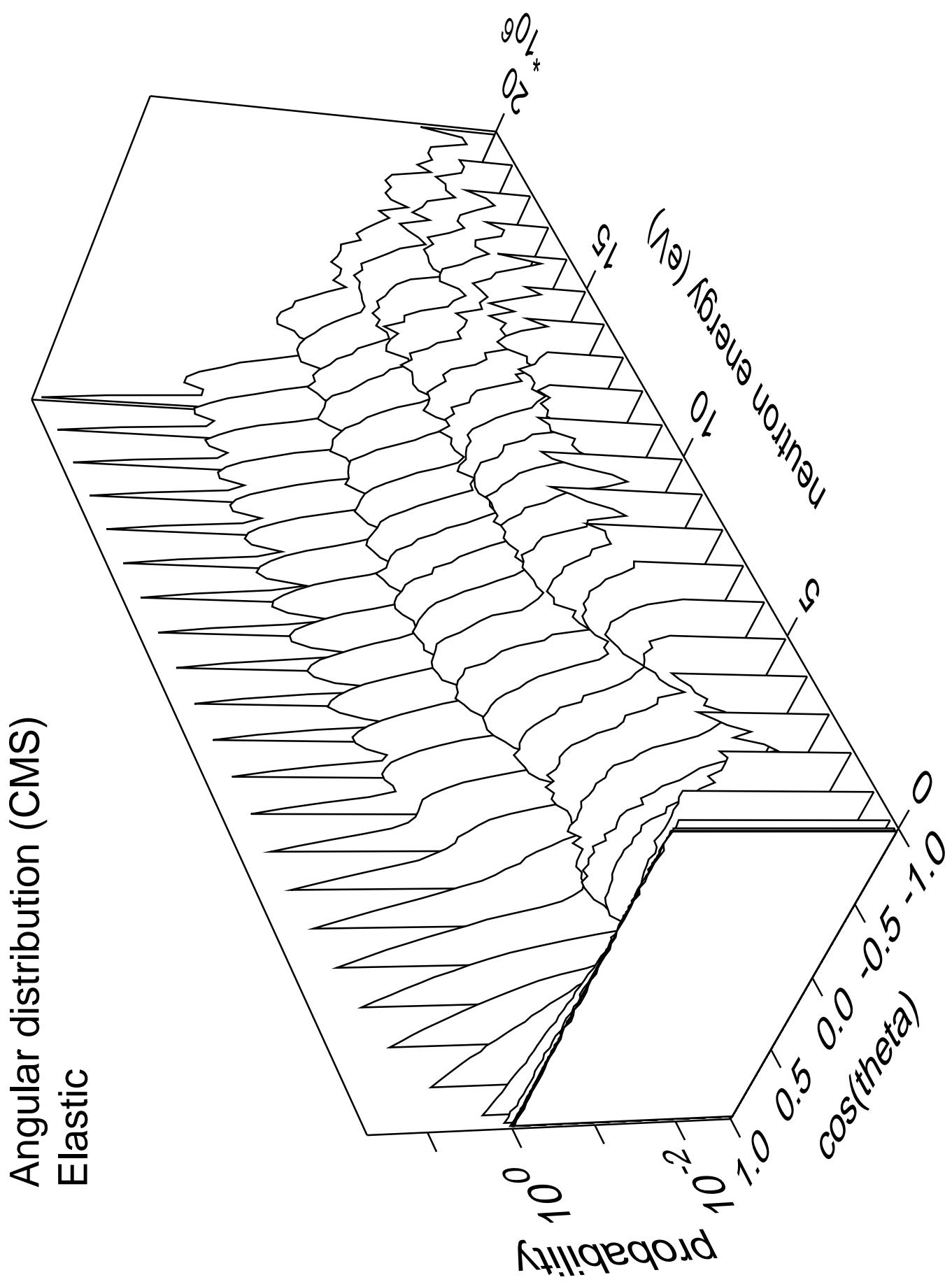


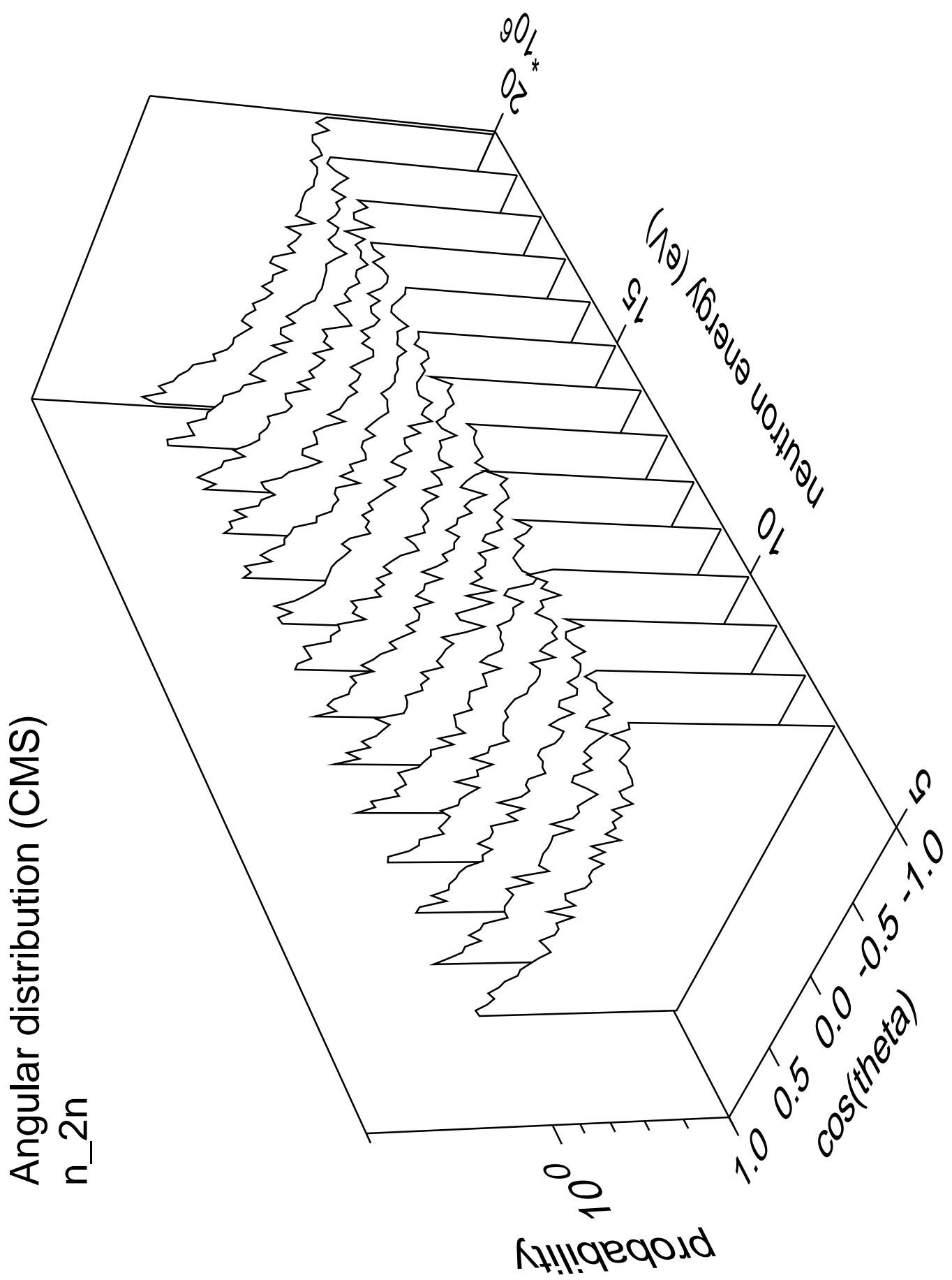
Cross Section

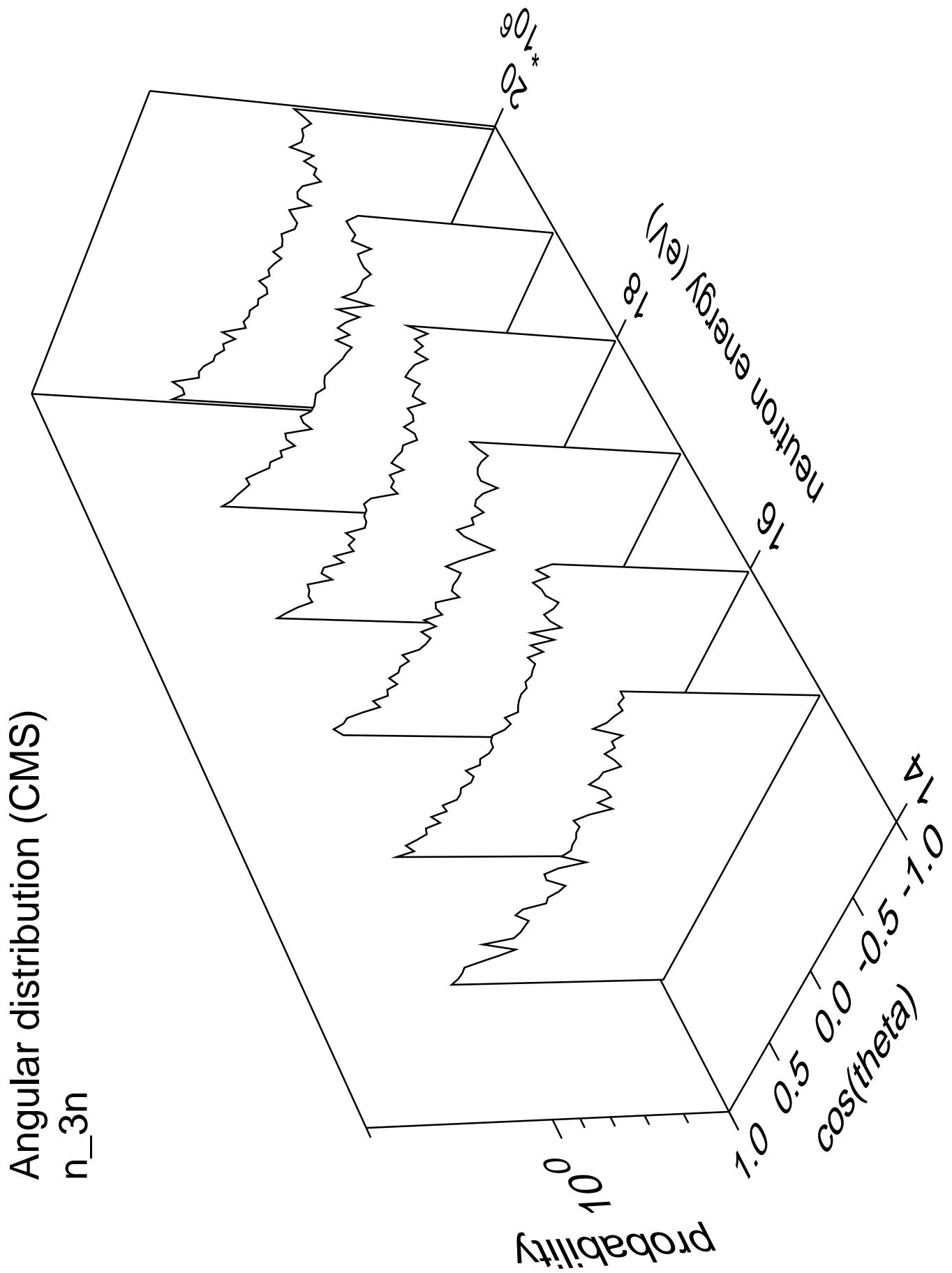


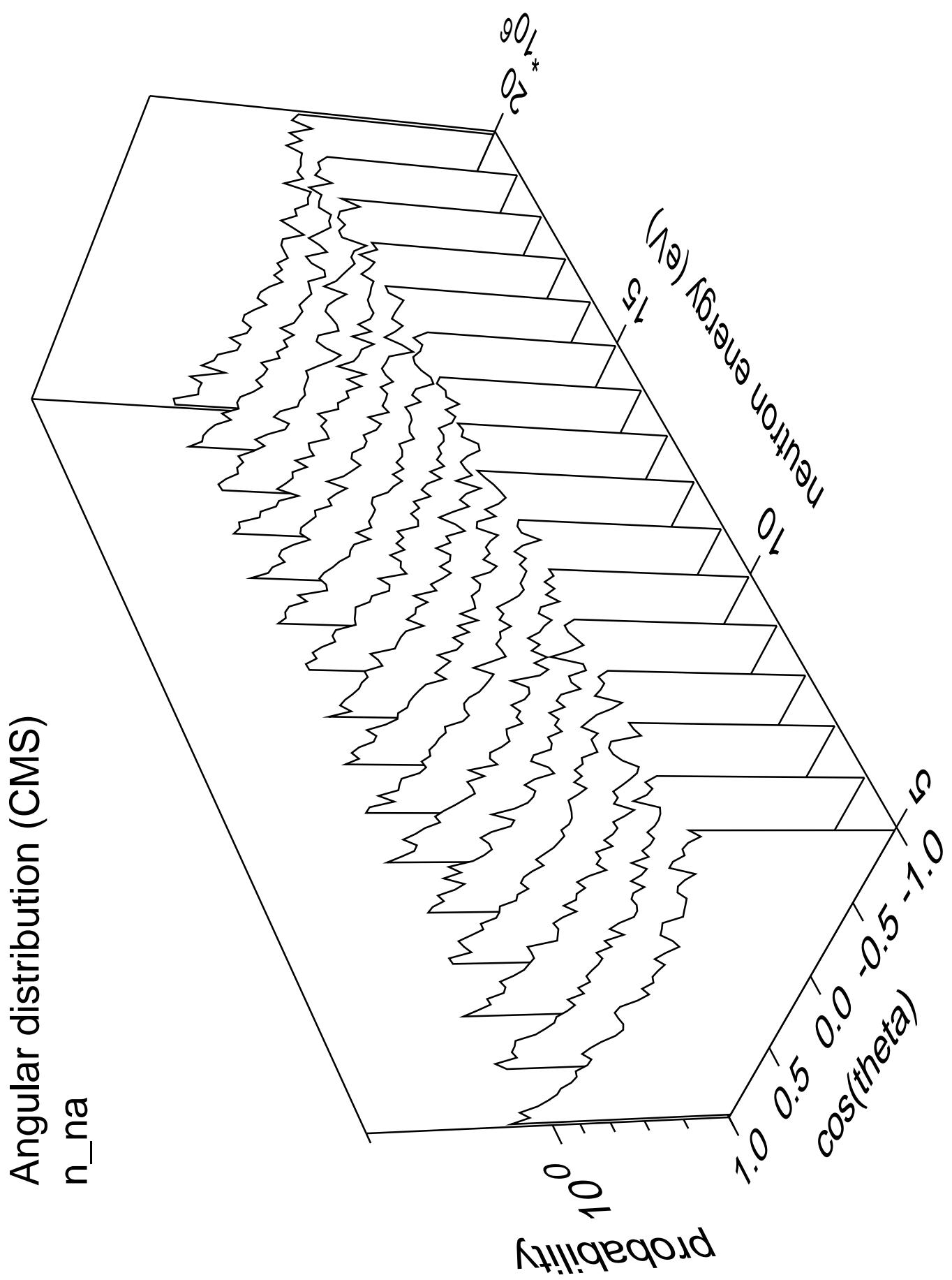
Cross Section

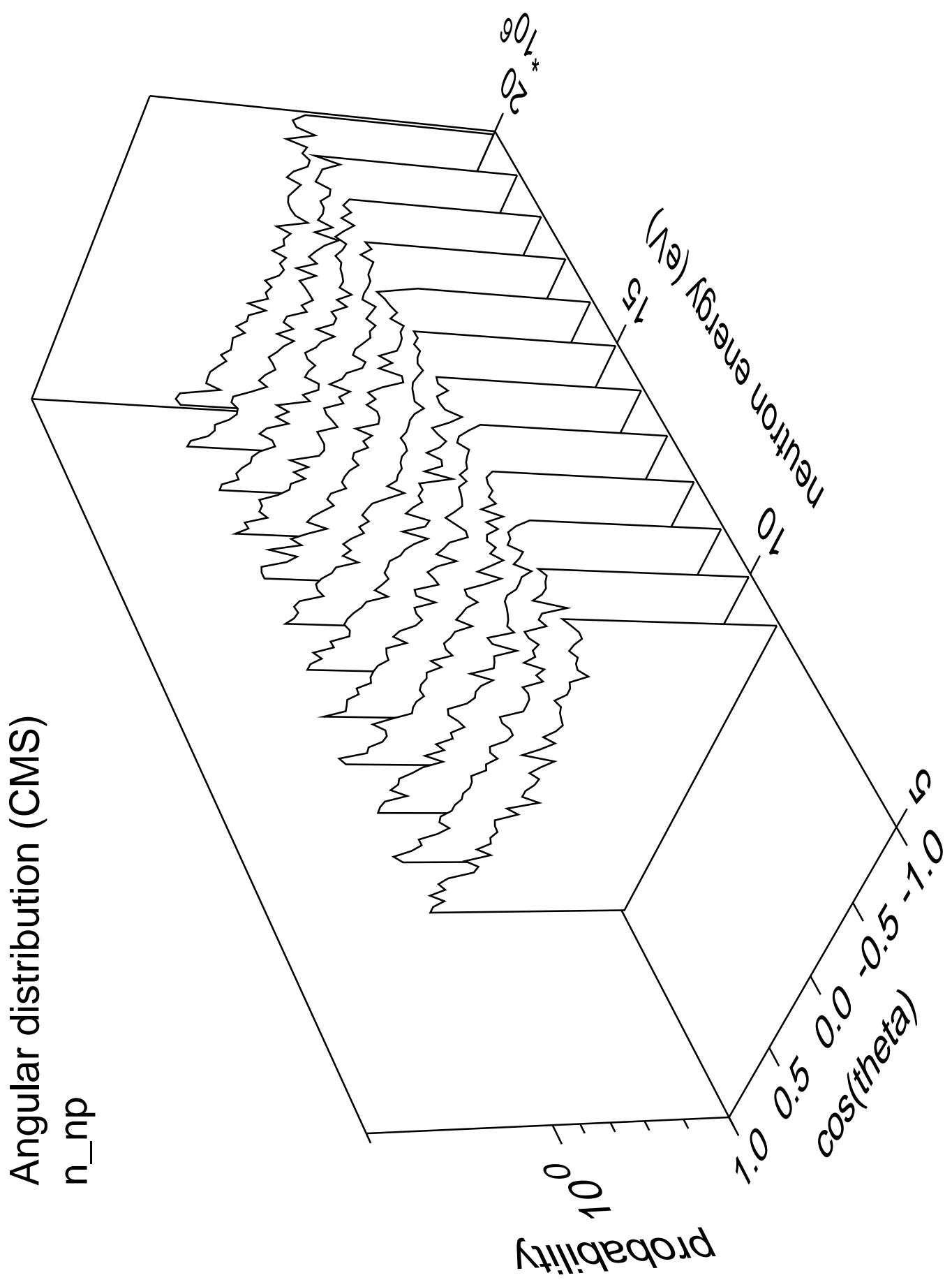


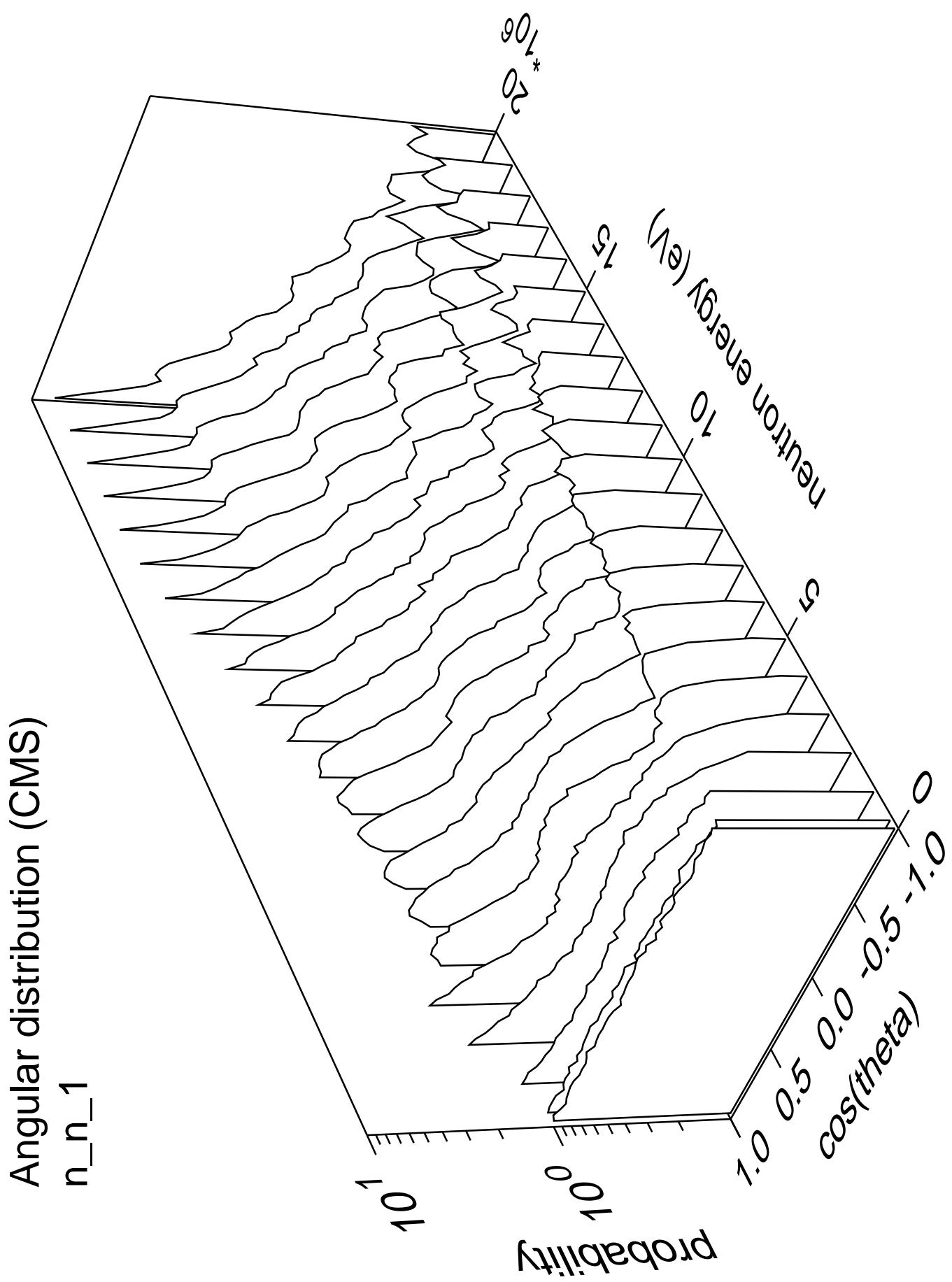


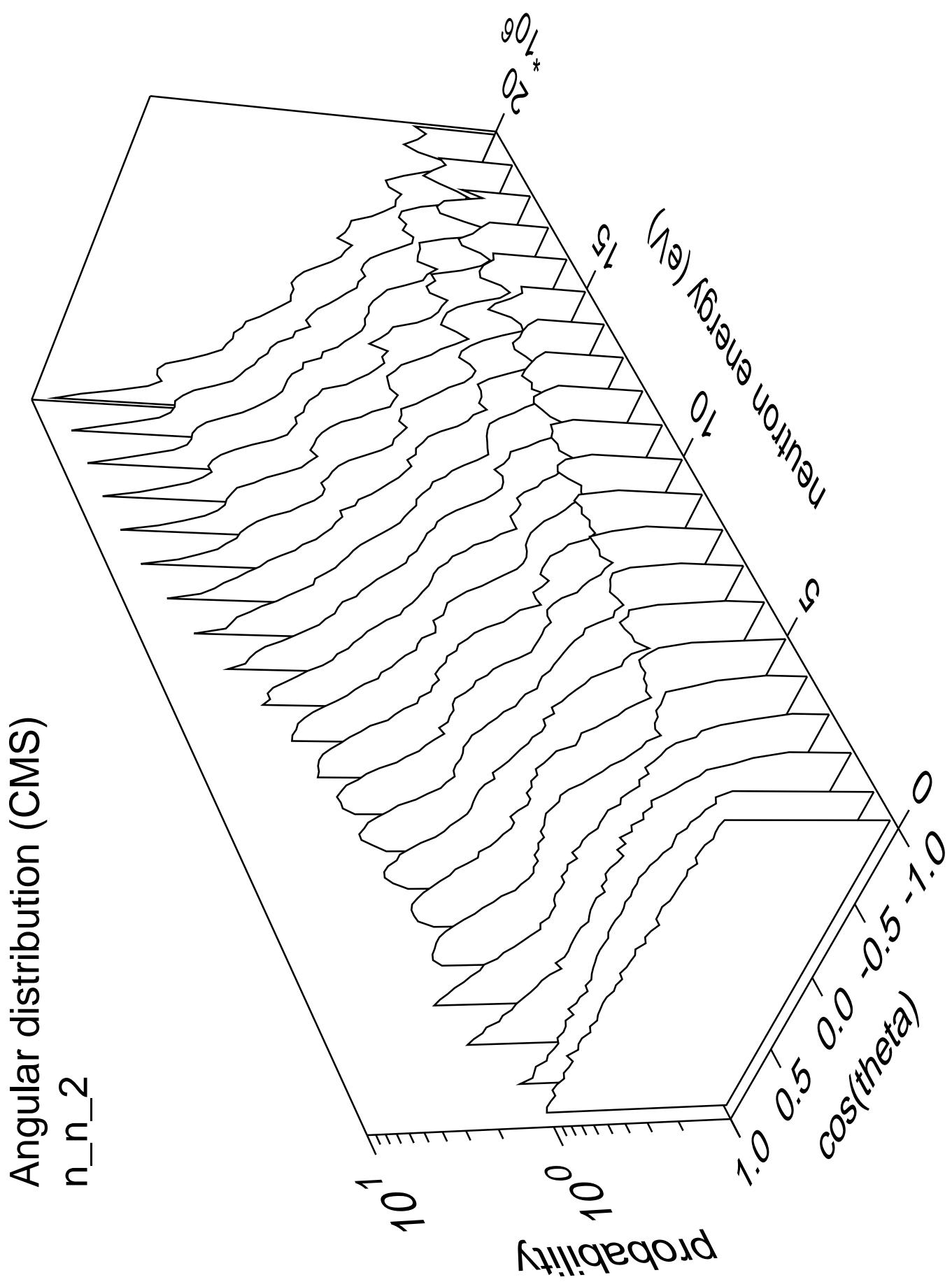


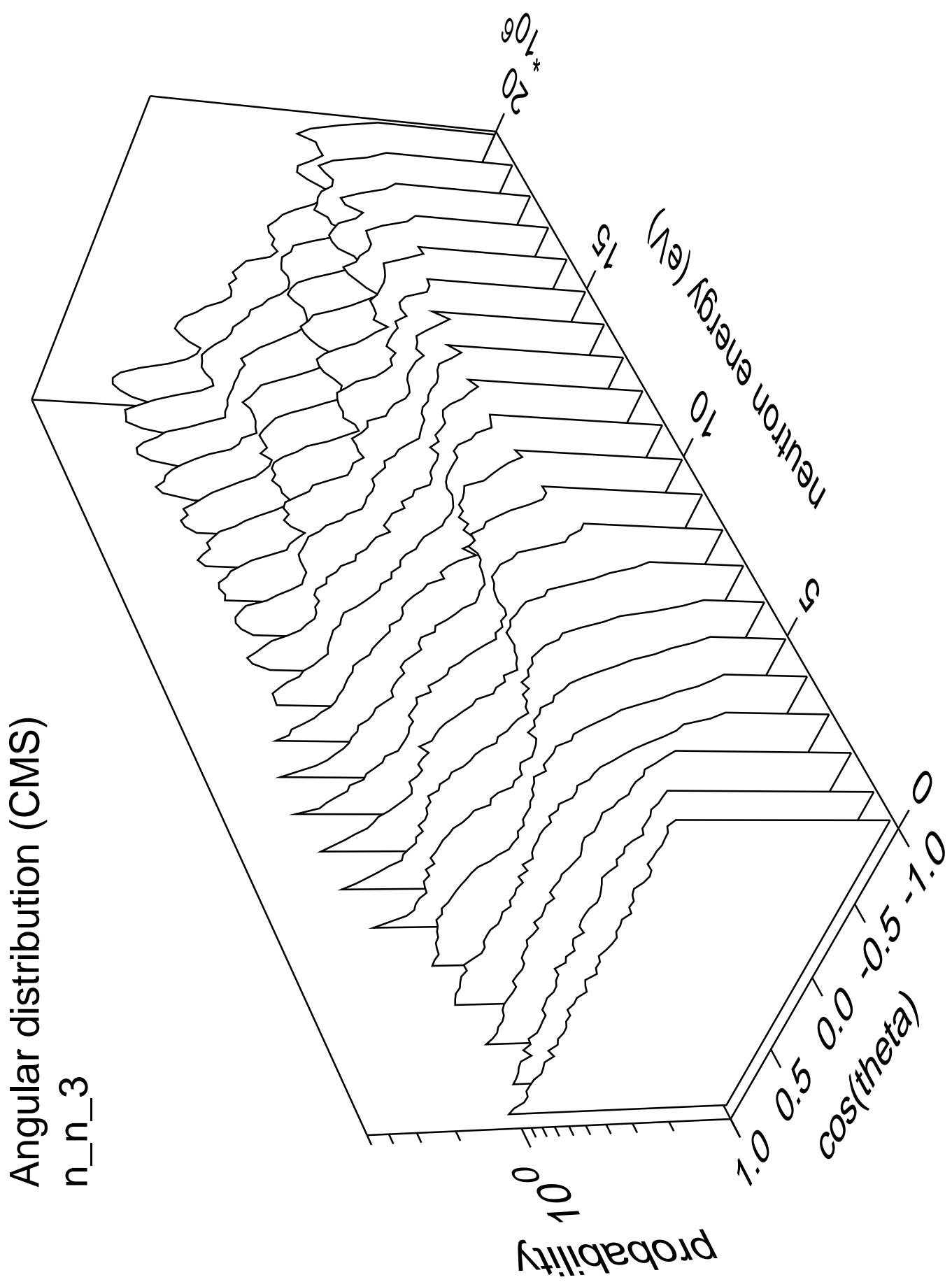


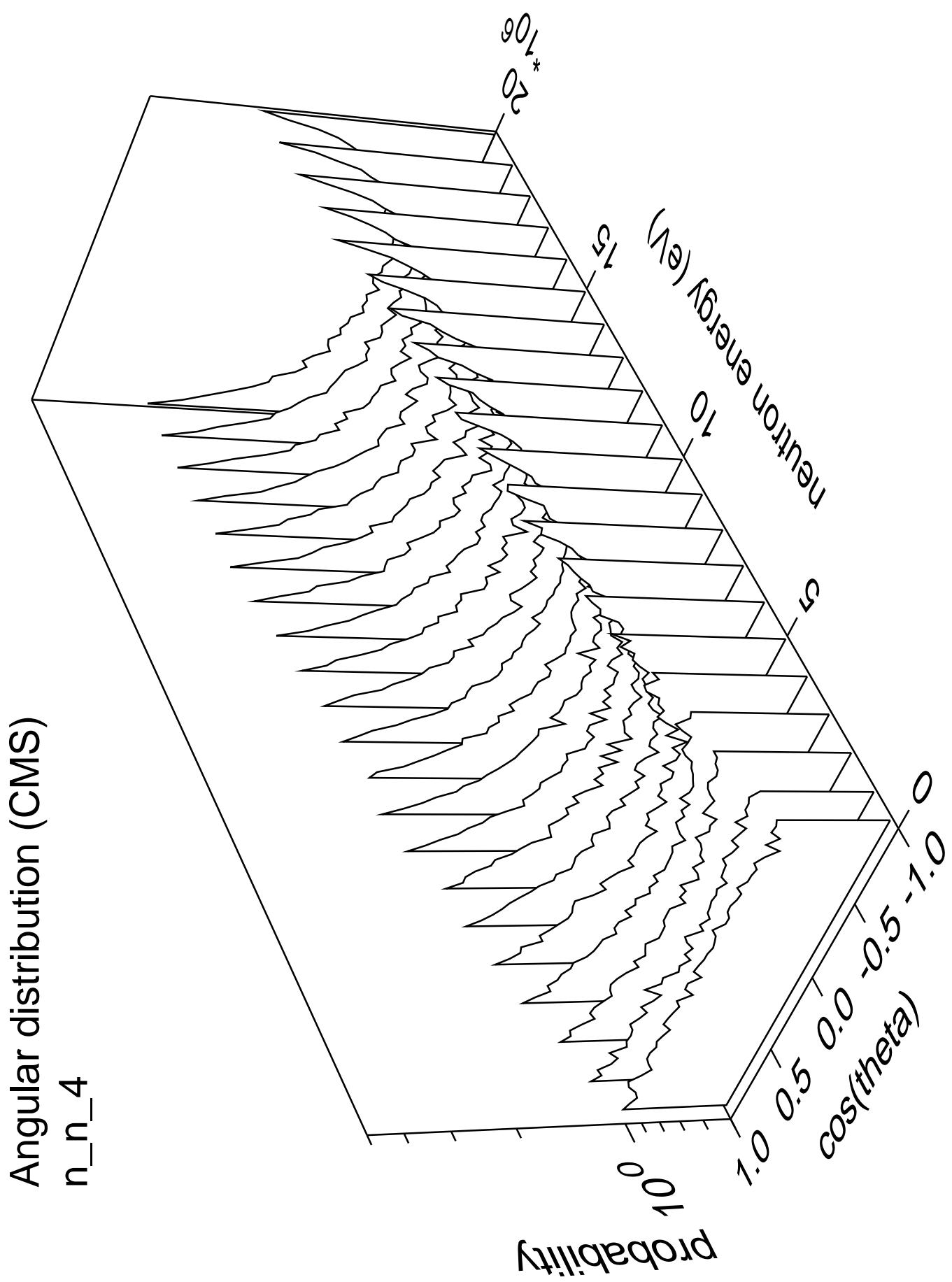


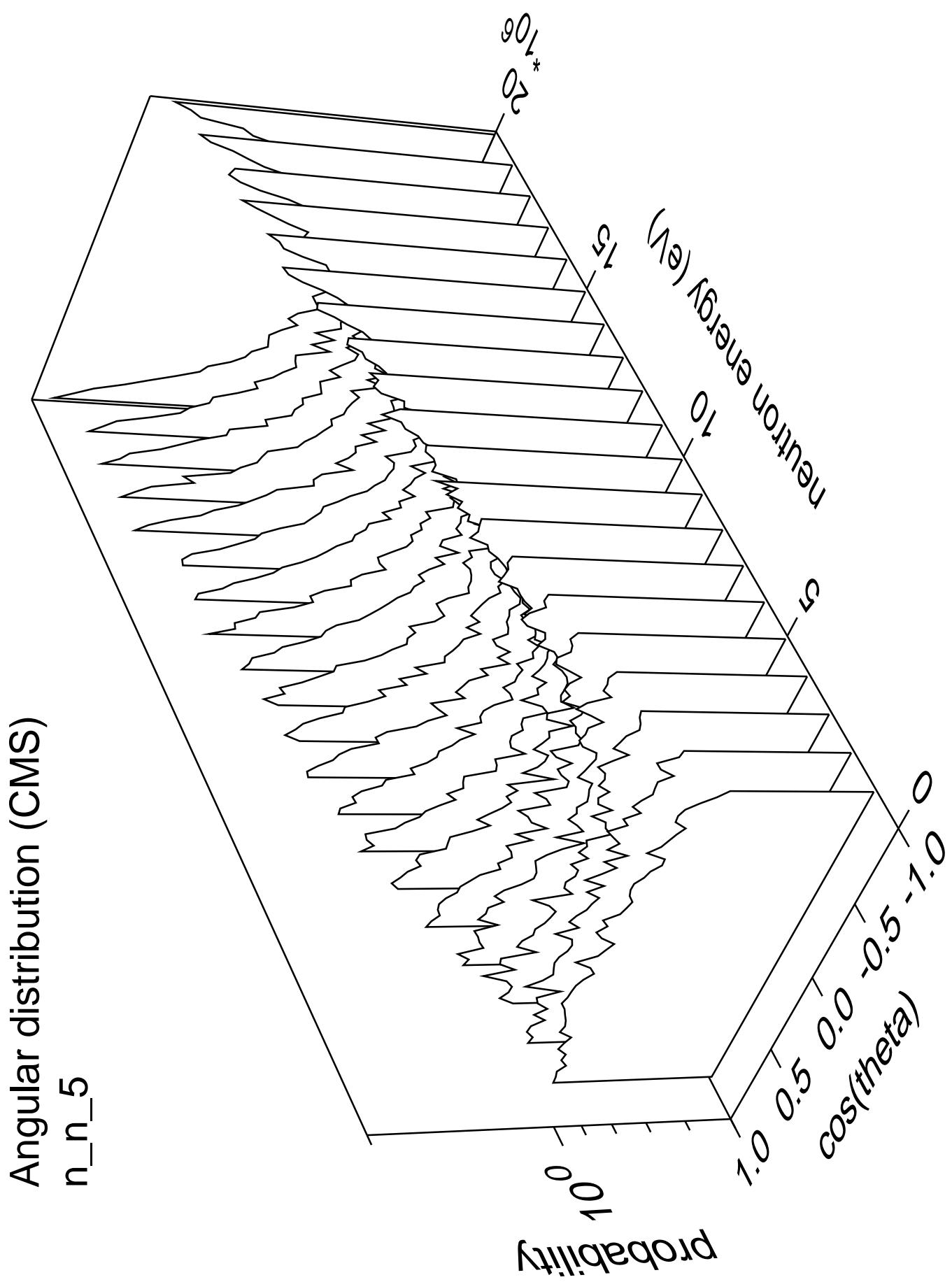


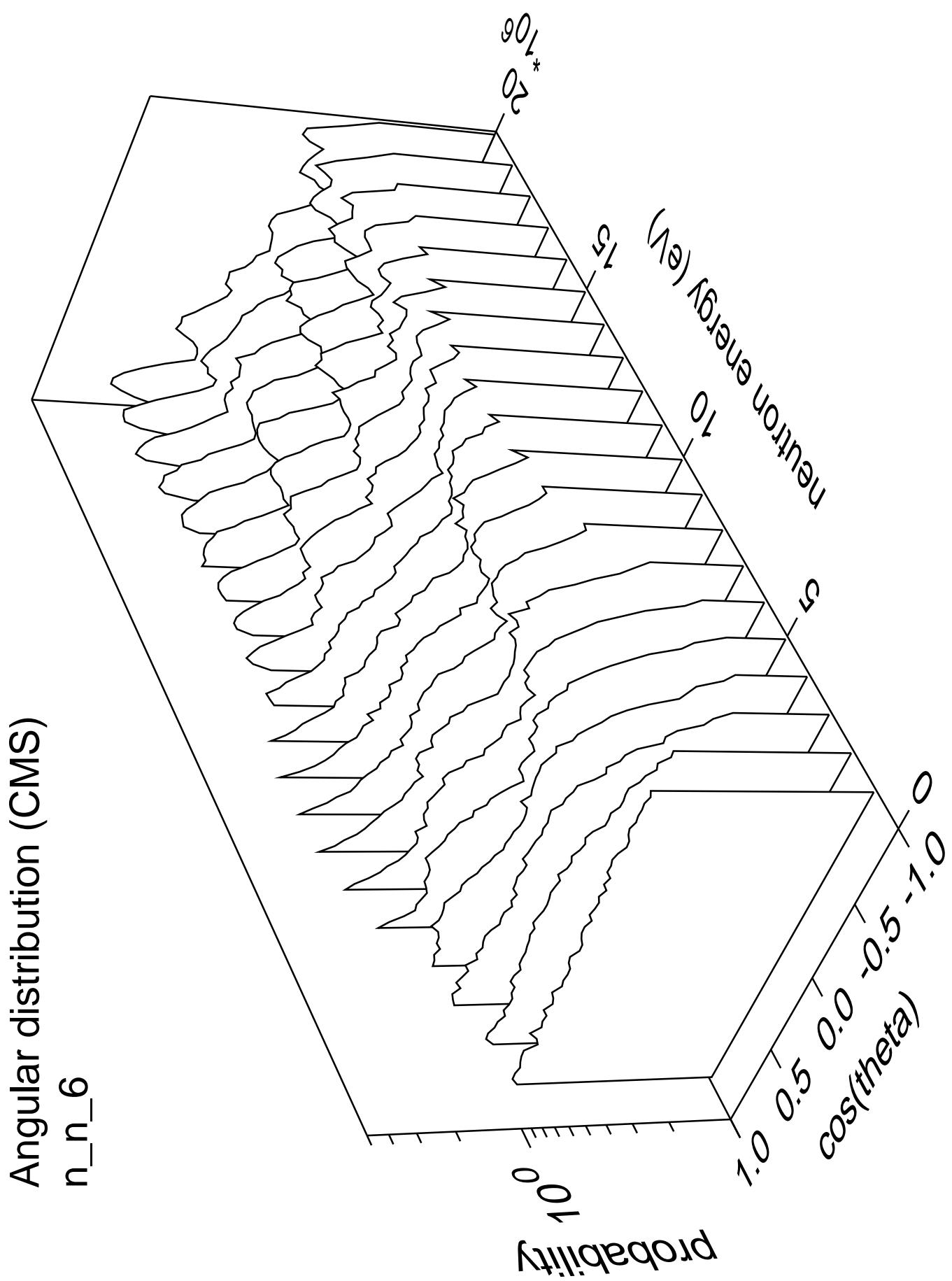


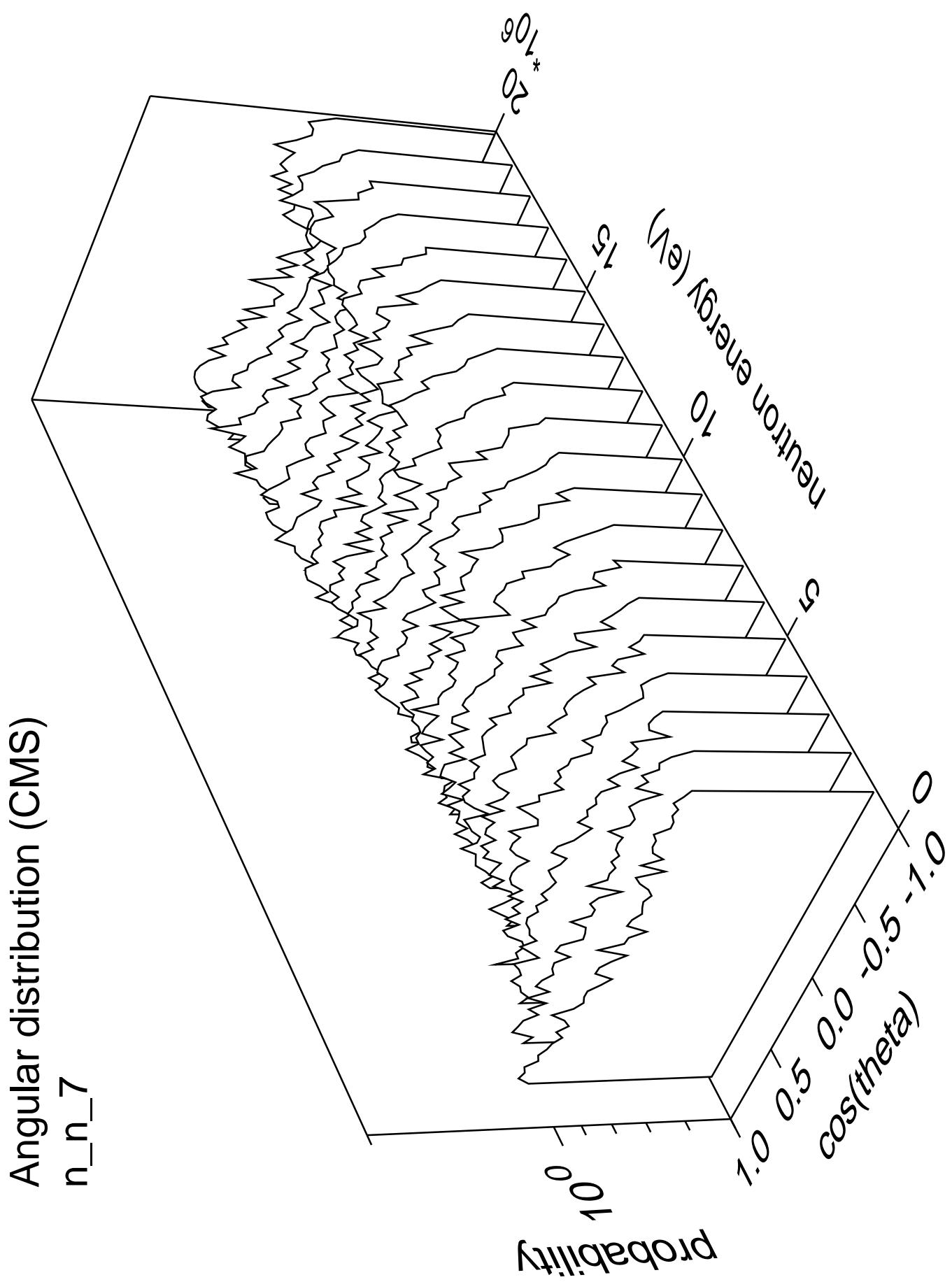


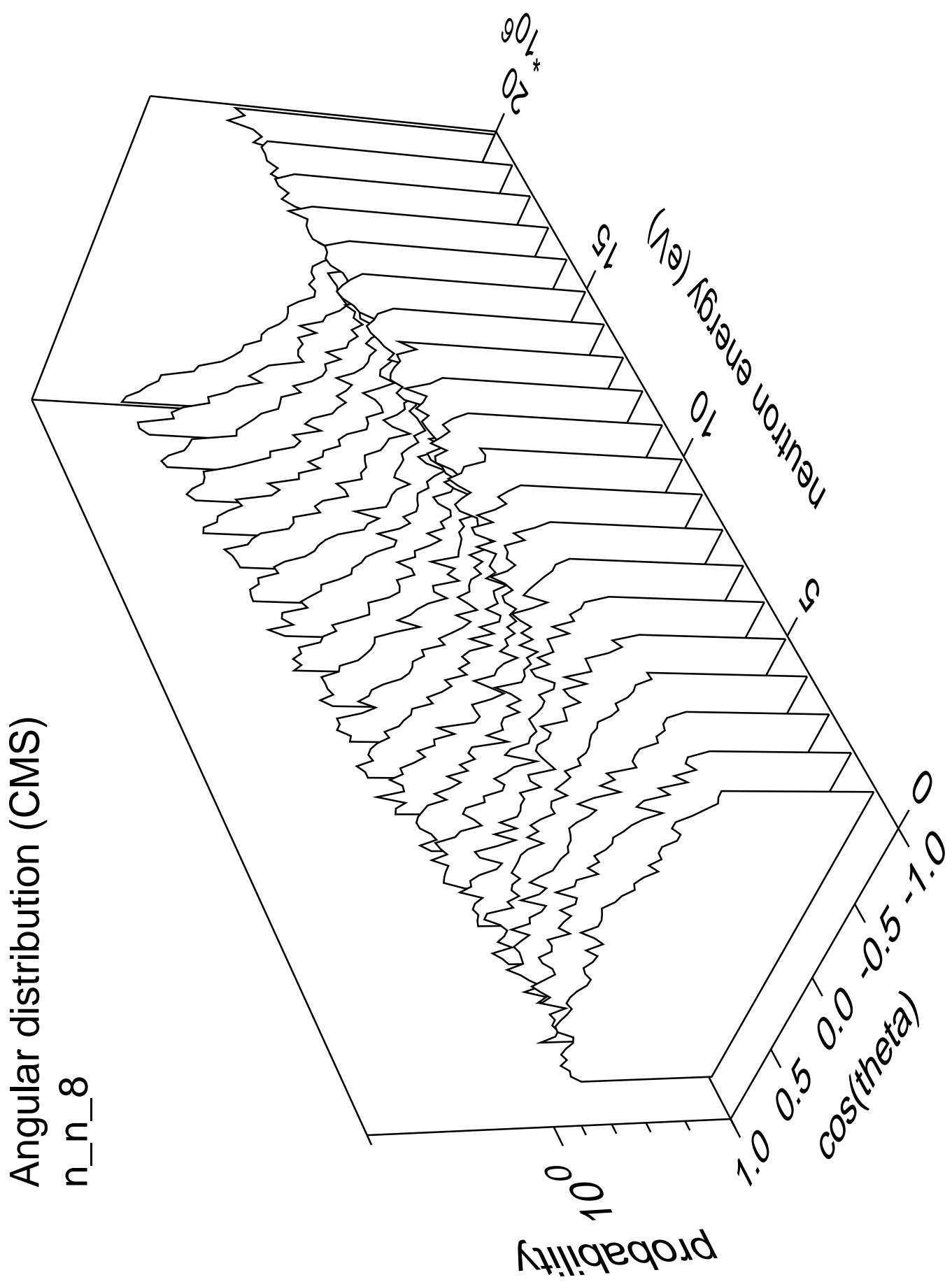


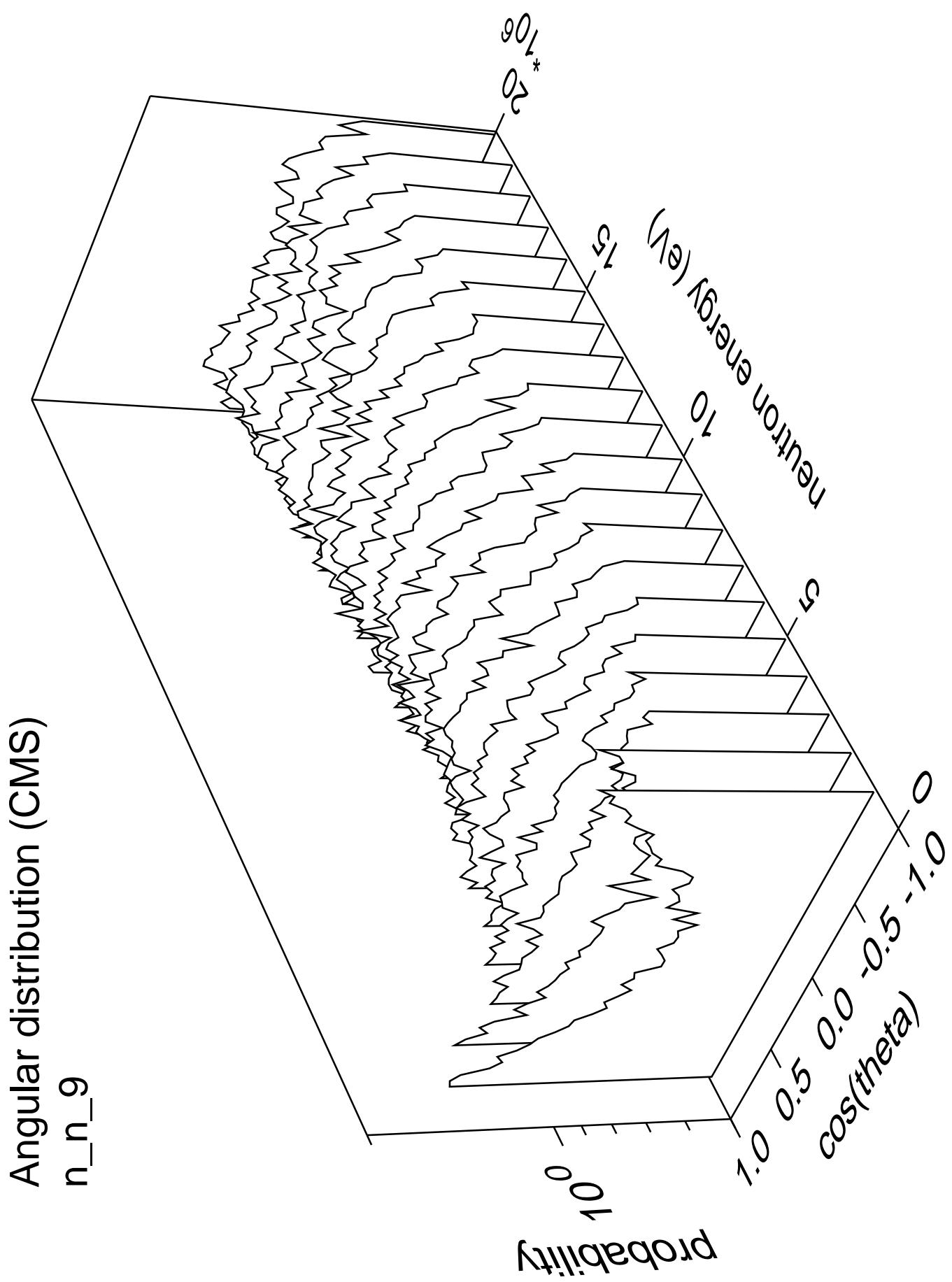


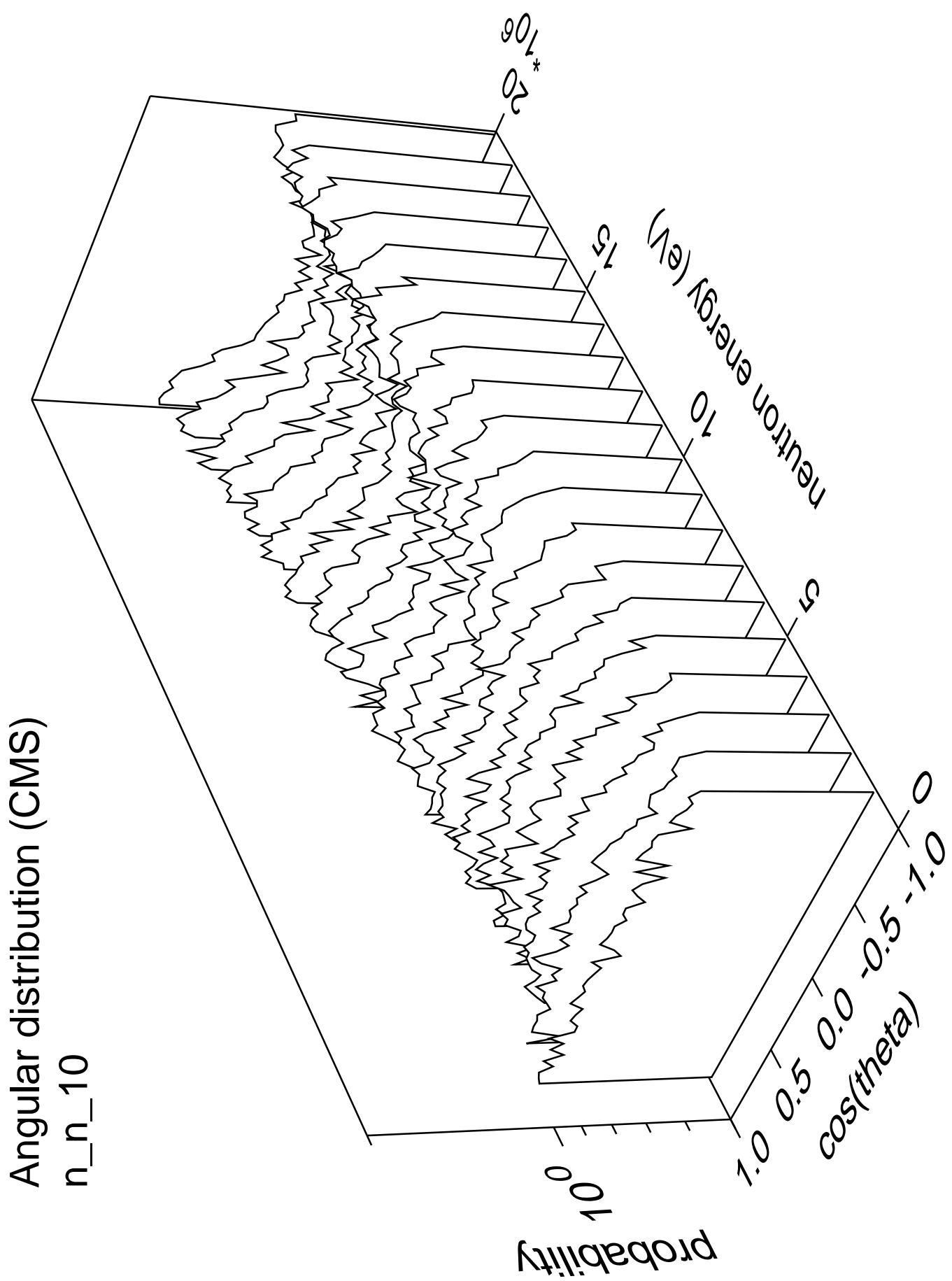


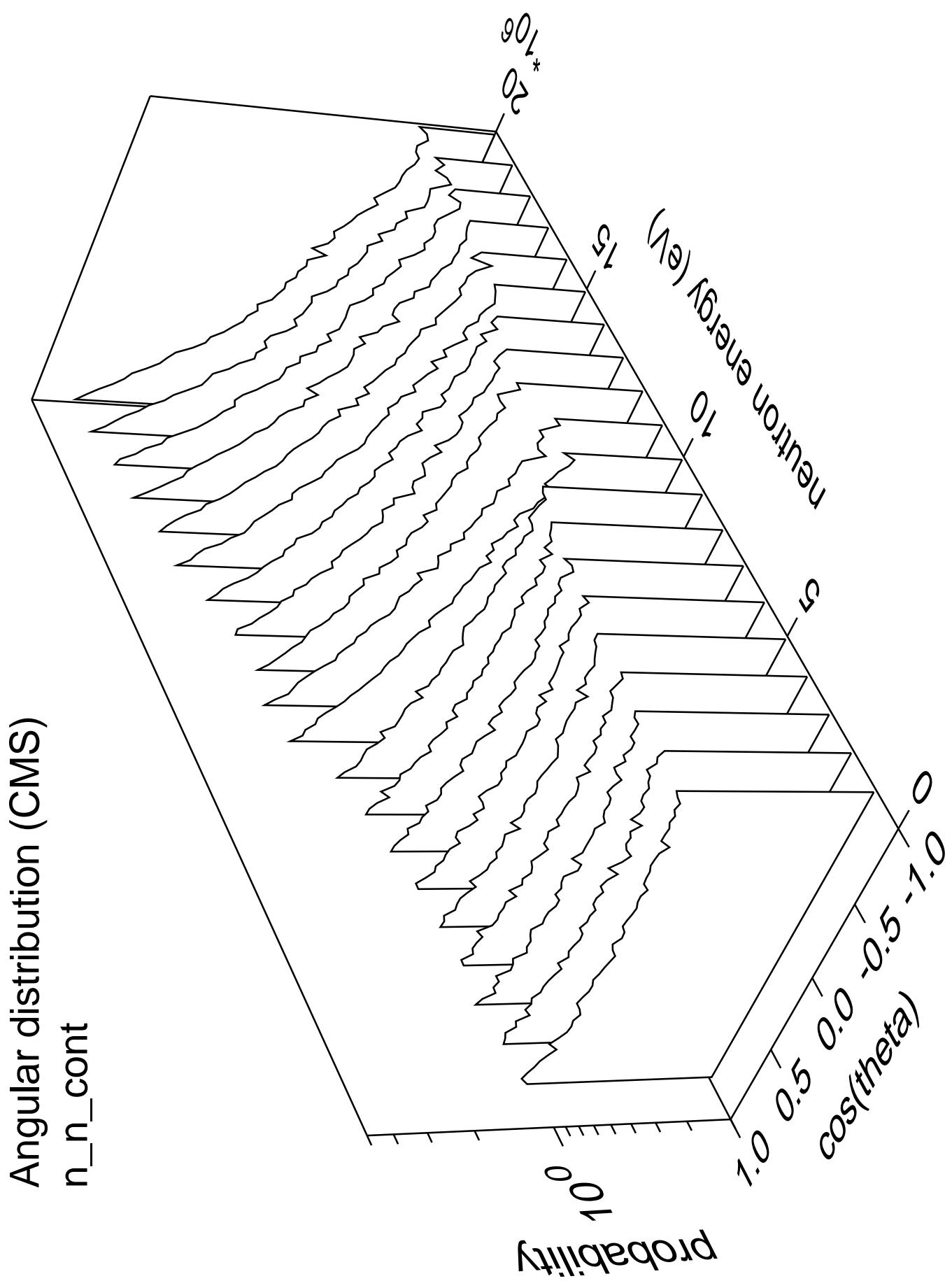


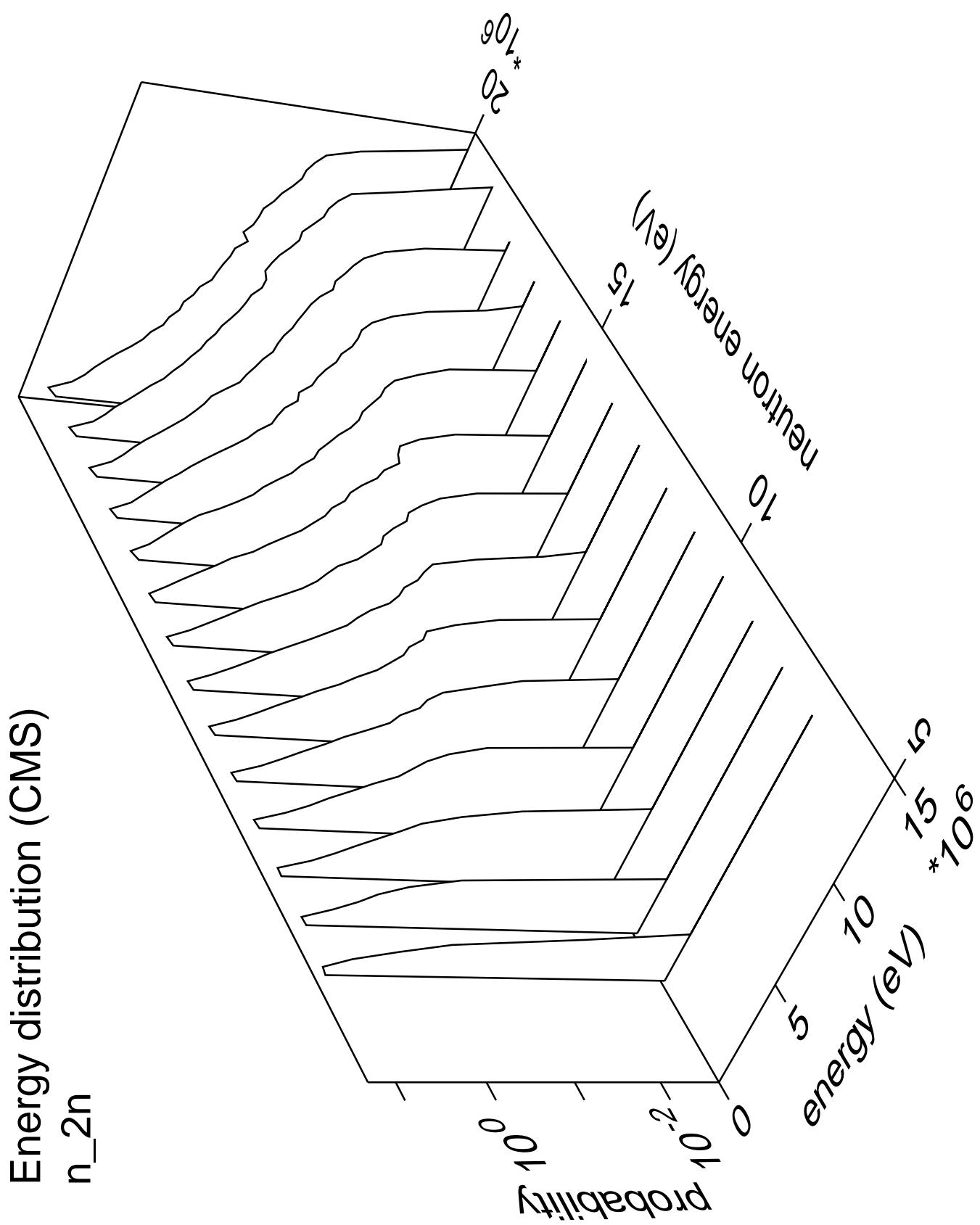


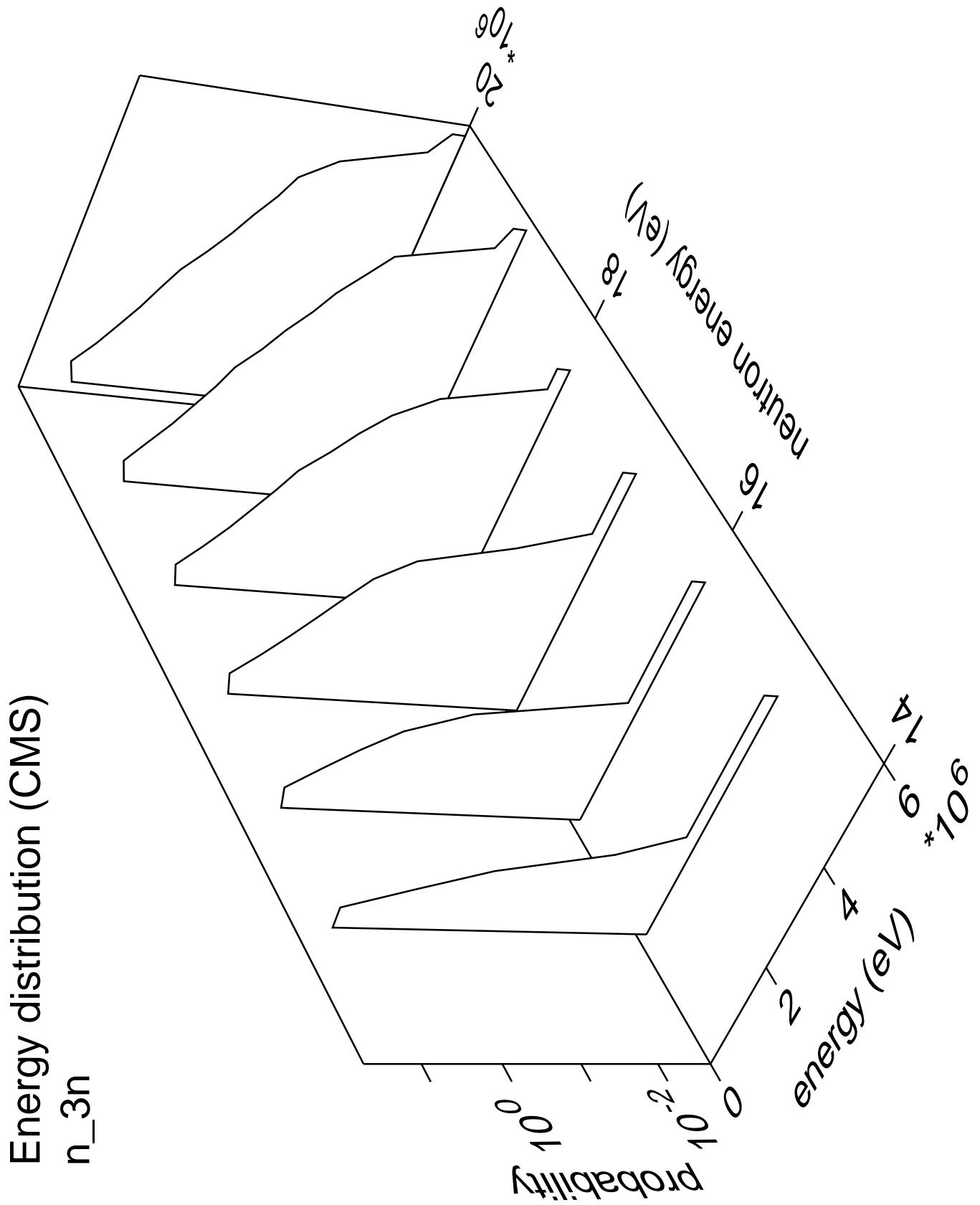


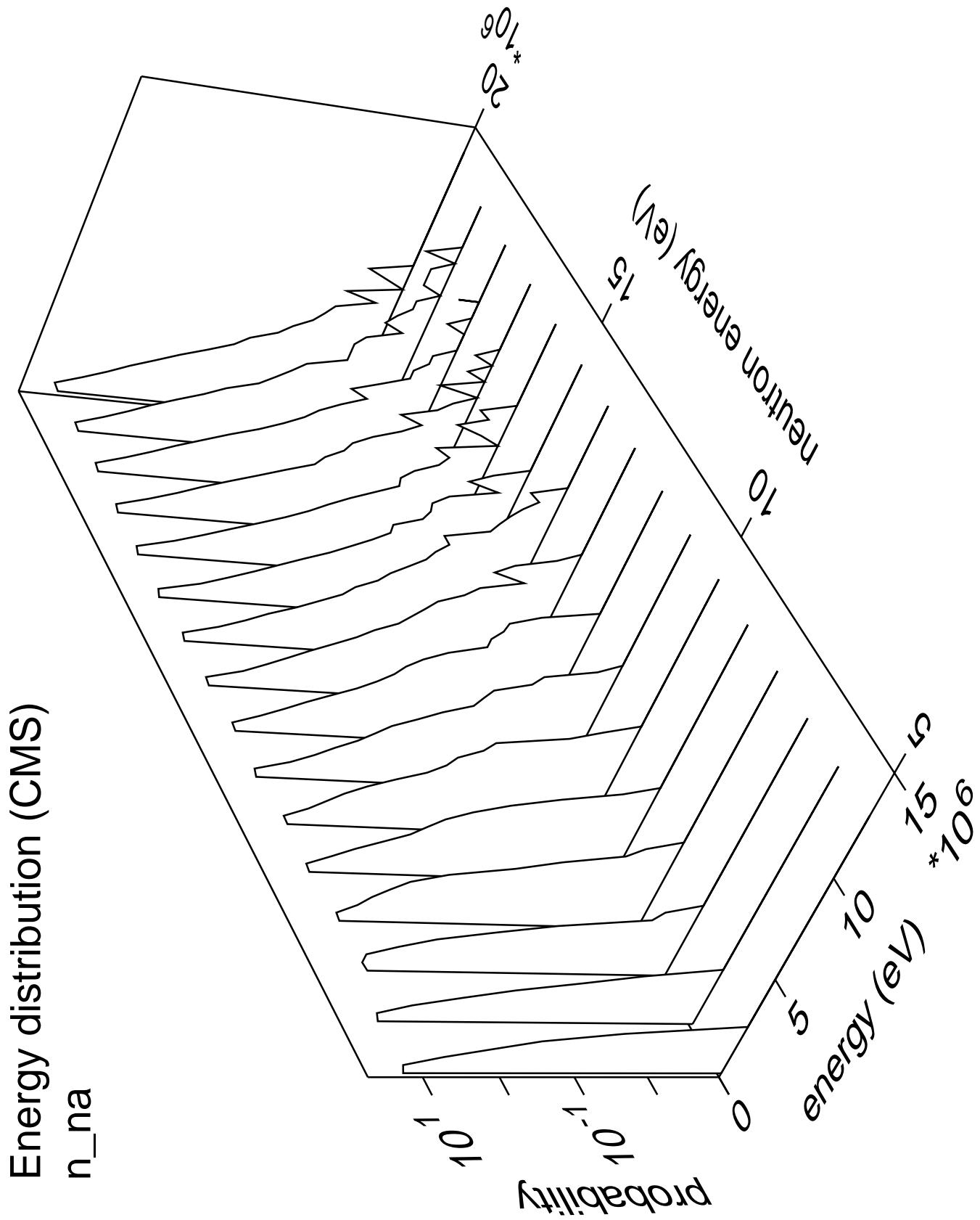


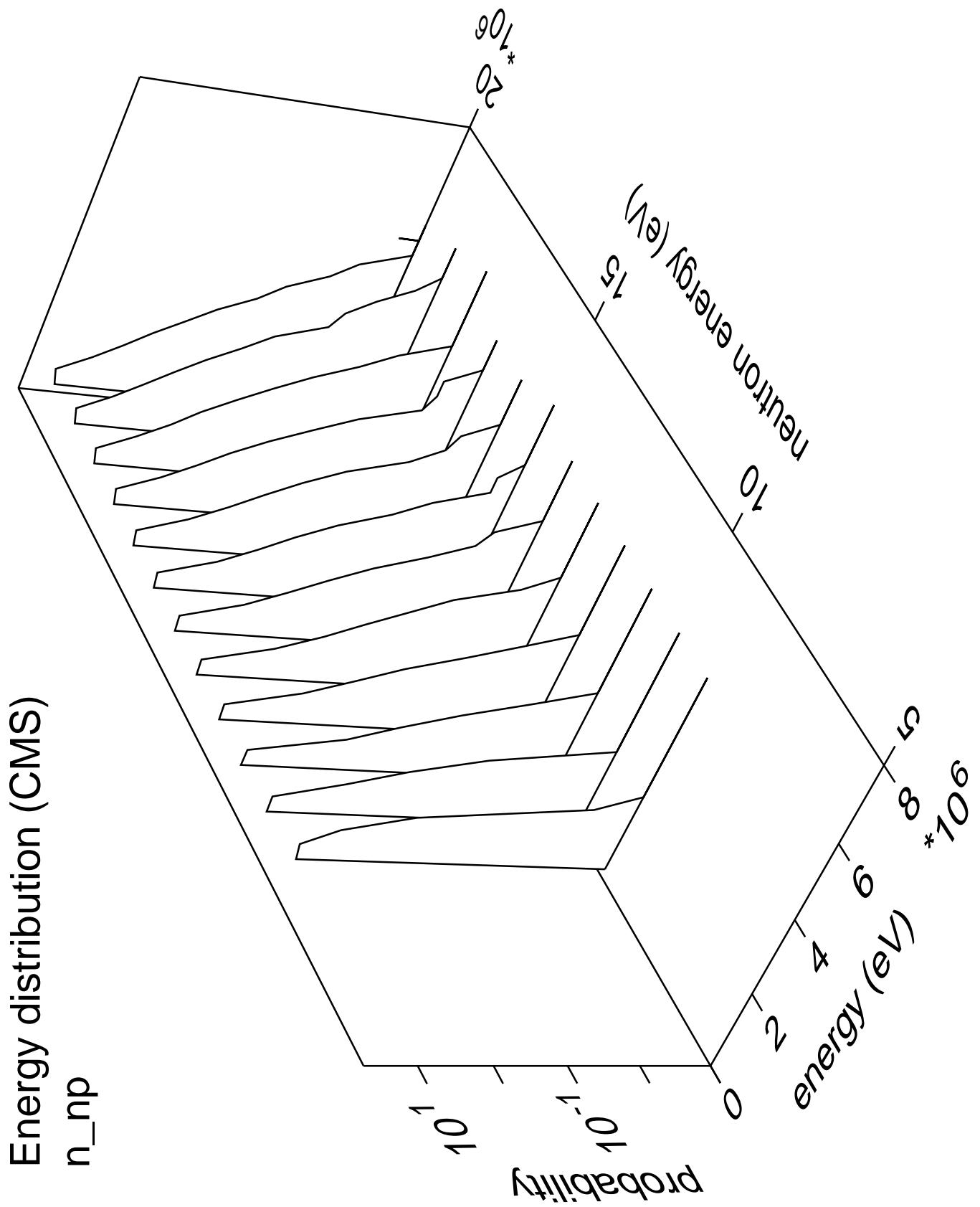


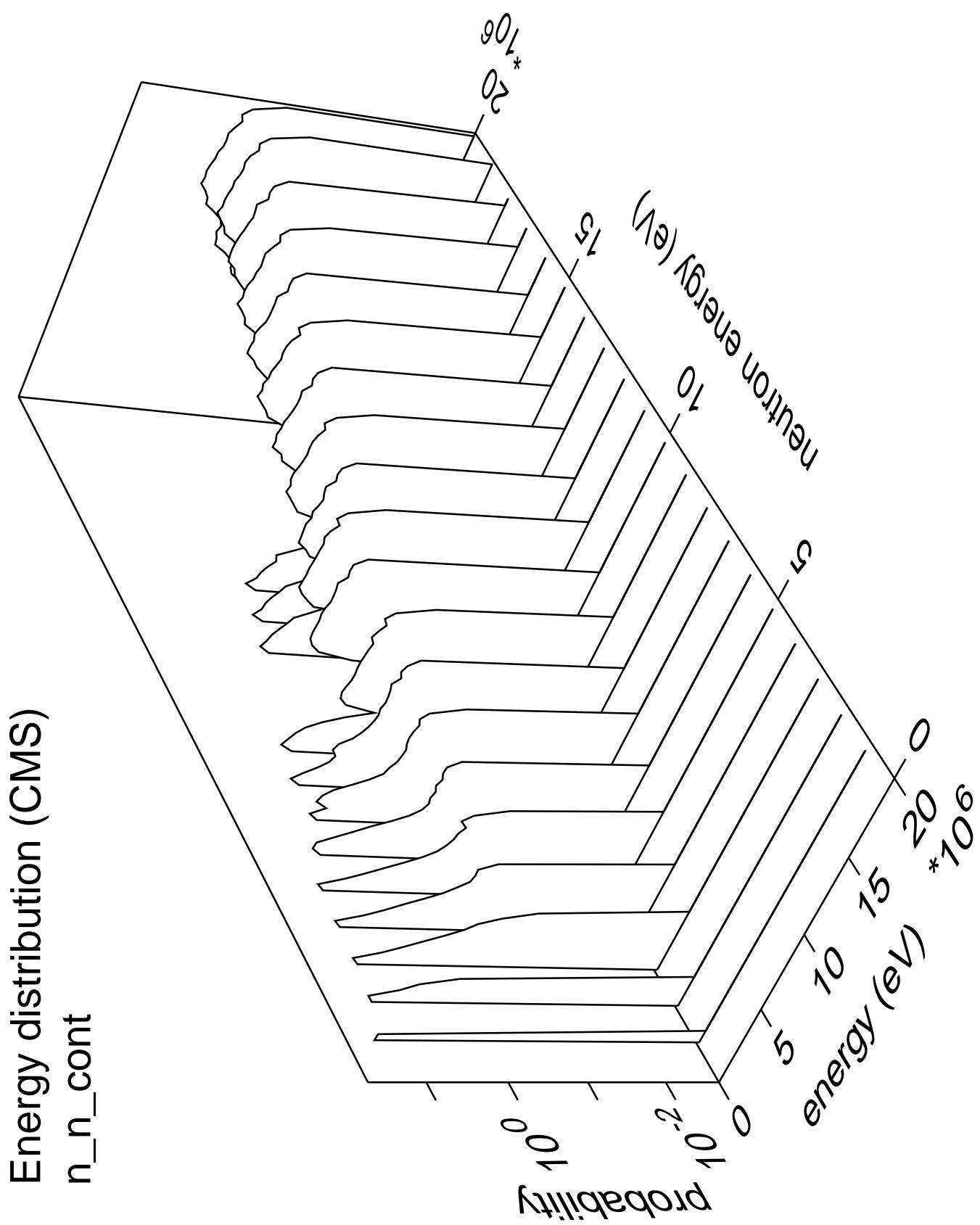




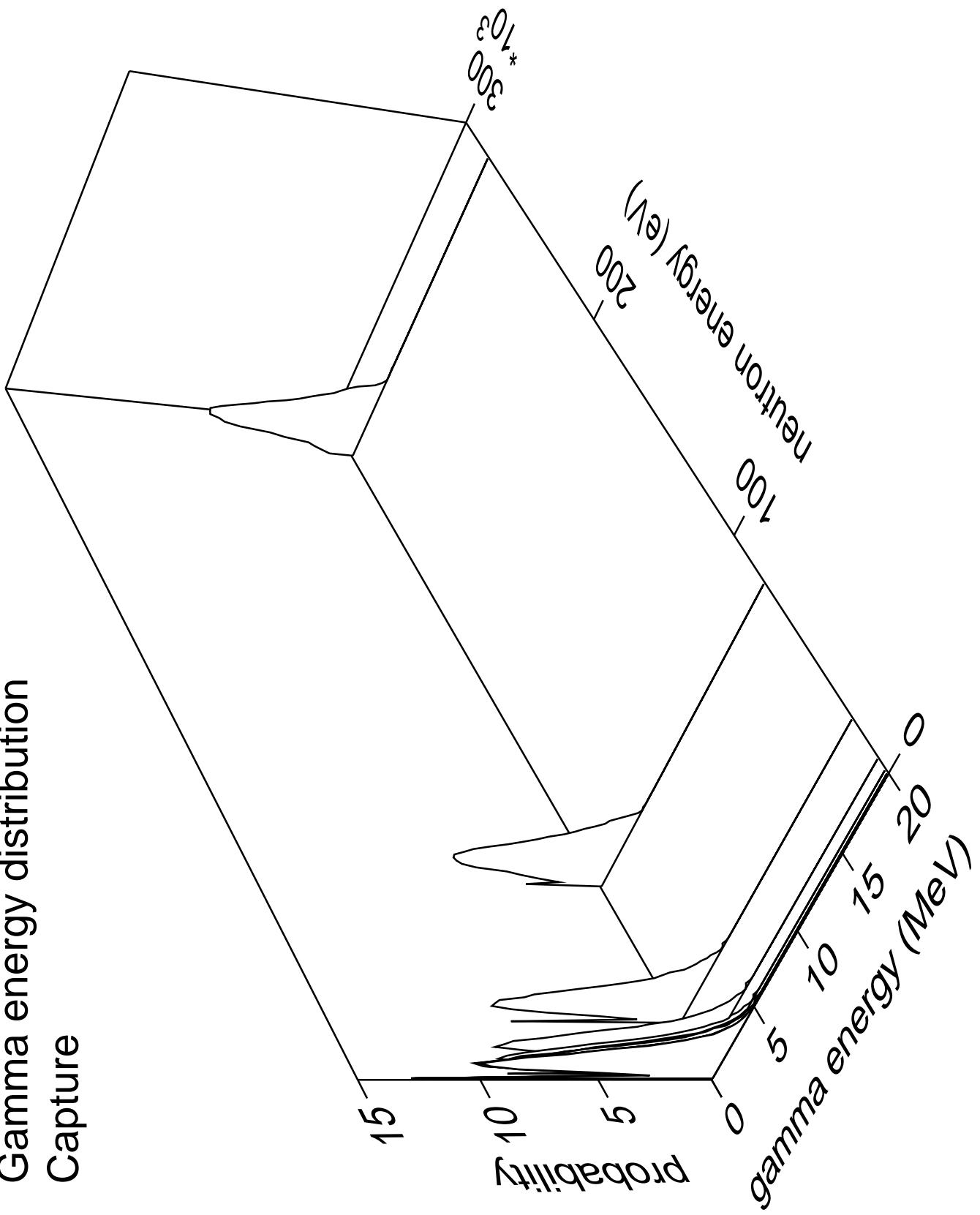




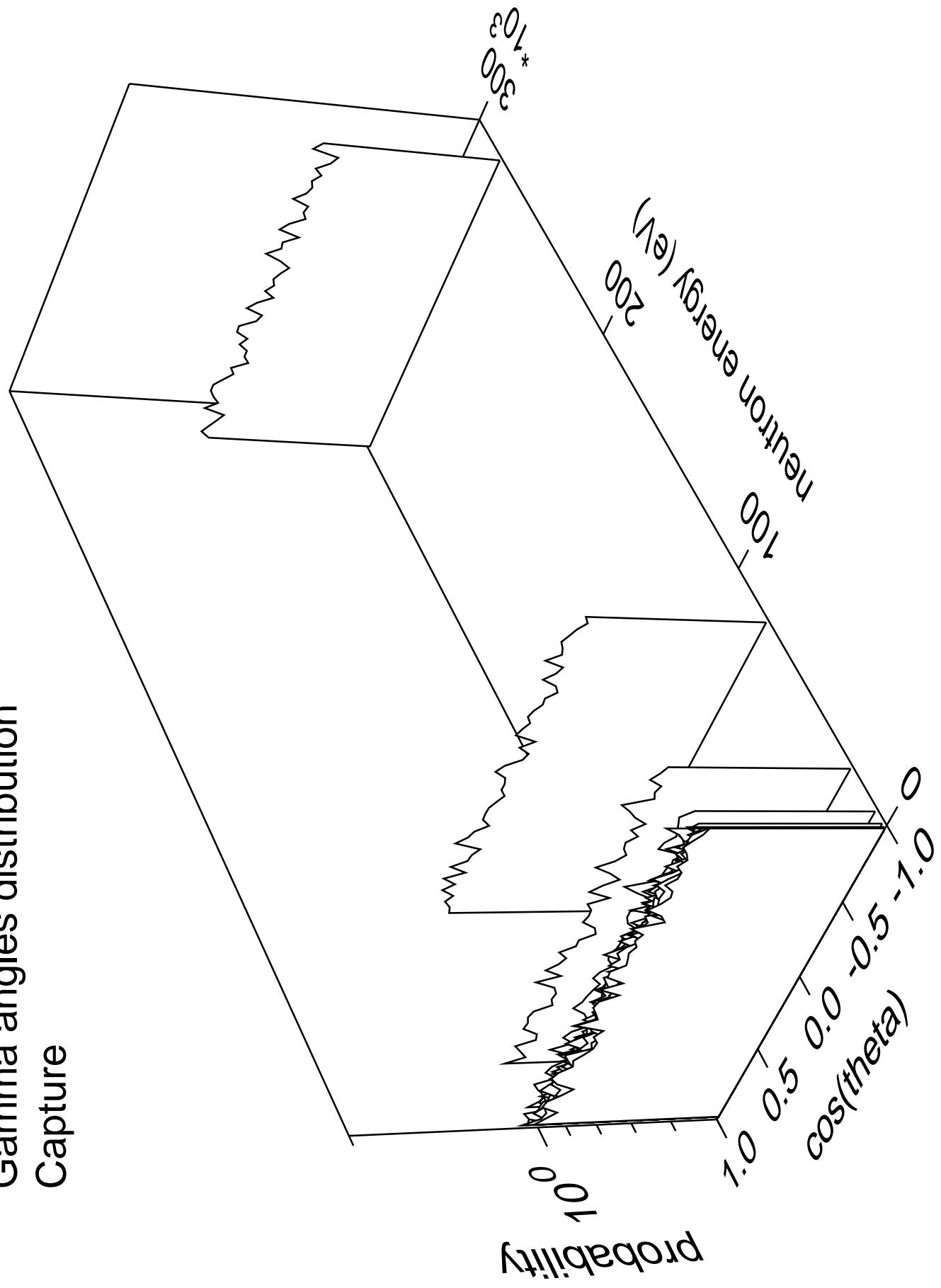


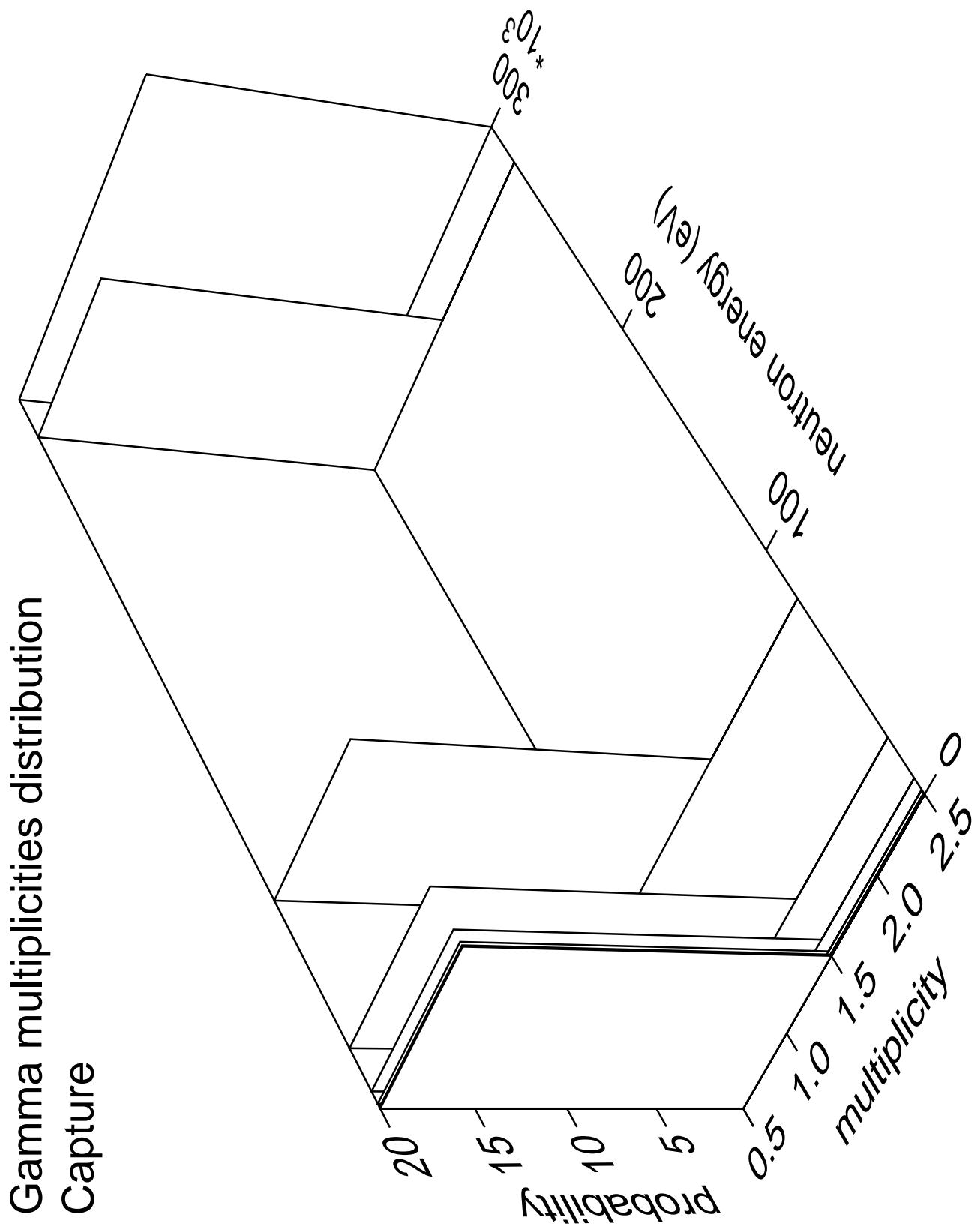


Gamma energy distribution Capture

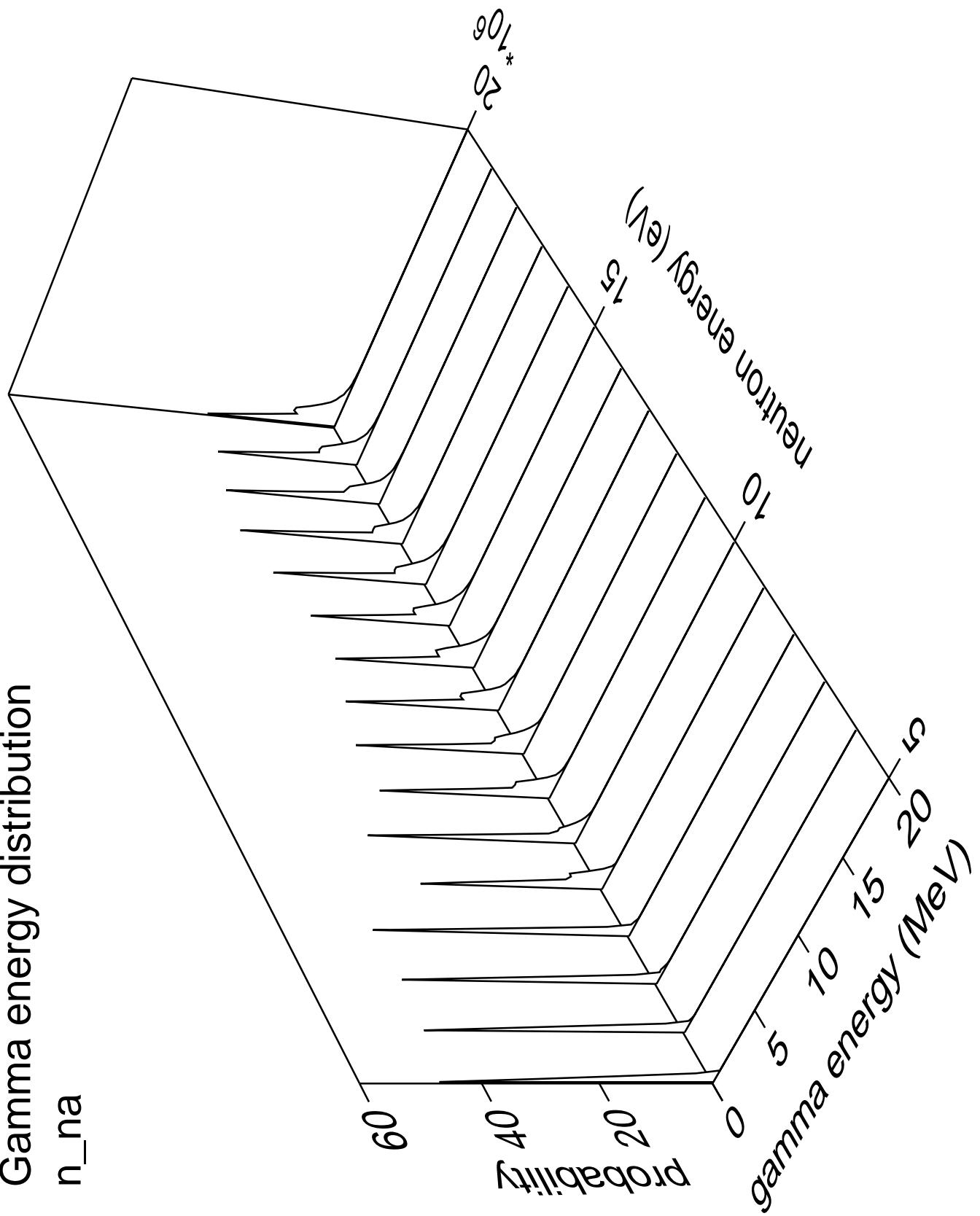


Gamma angles distribution Capture





Gamma energy distribution



Gamma angles distribution

n_{na}

Probability

10^0

10^6

10^5

10^4

10^3

10^2

10^1

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

10^{-6}

10^{-7}

10^{-8}

10^{-9}

10^{-10}

10^{-11}

10^{-12}

10^{-13}

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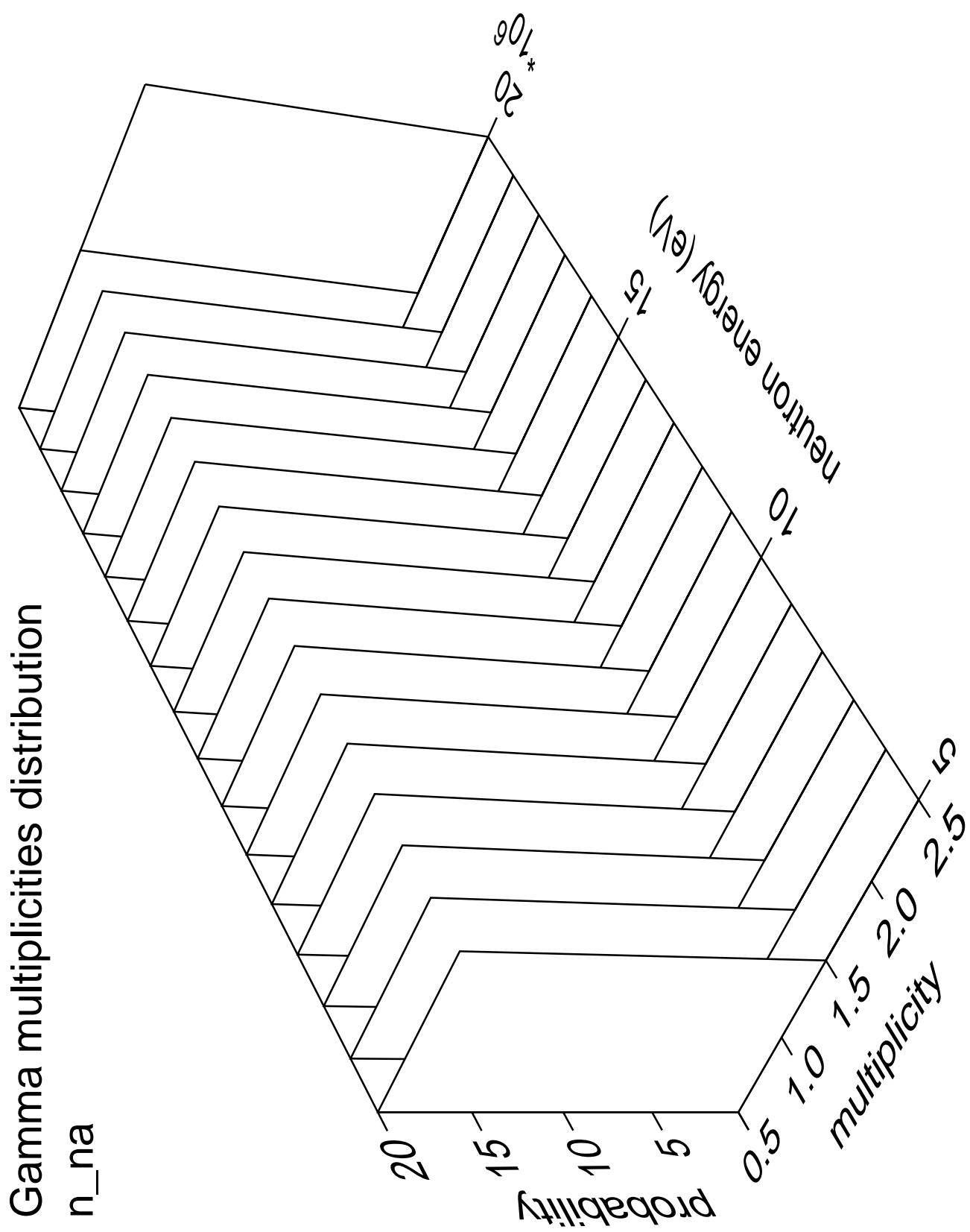
10^{-243}

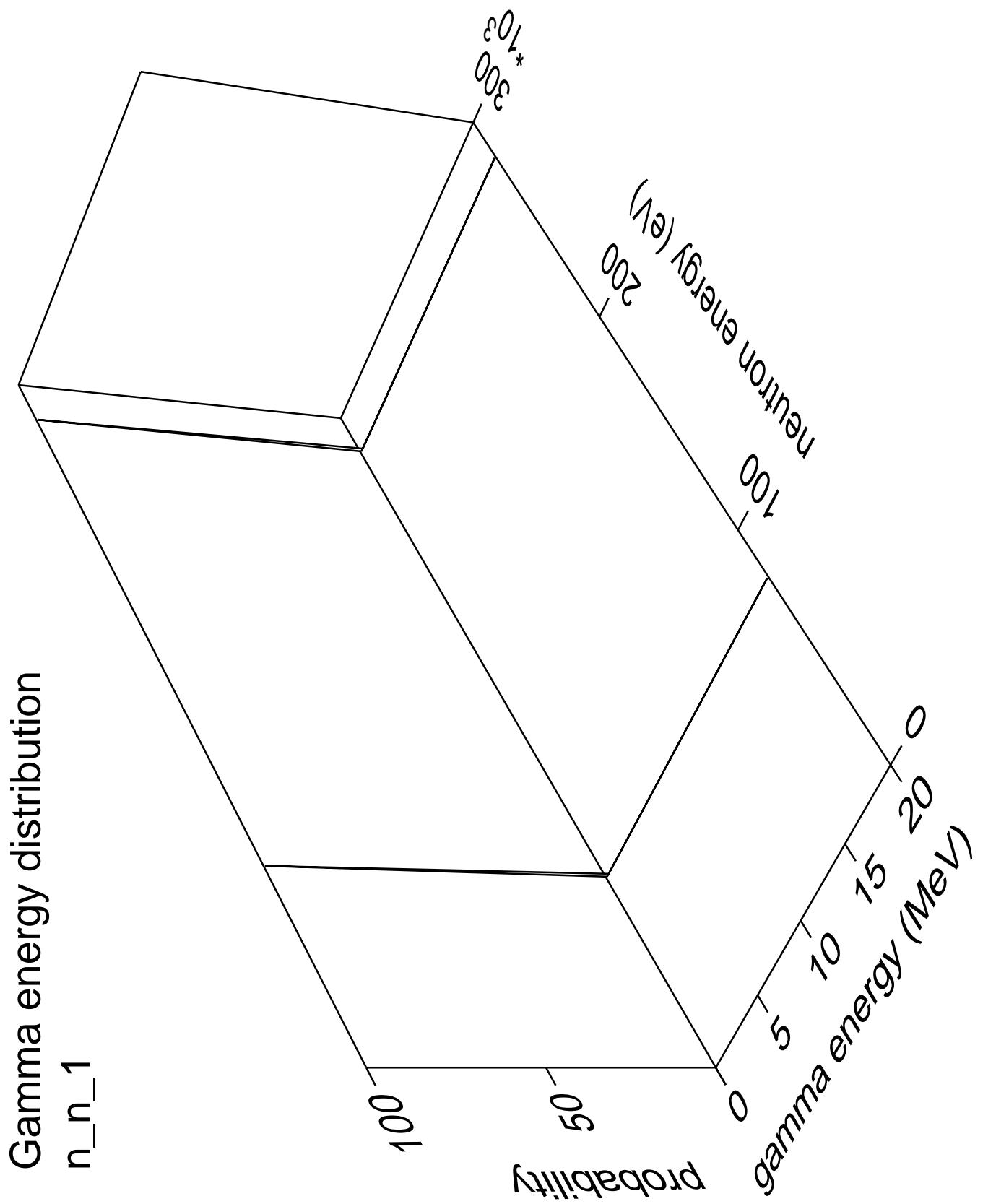
10^{-244}

10^{-245}

10^{-246}

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Gamma angles distribution

n_{n_1}

Probability

10^0

300×10^3

neutron energy (eV)

10^0

$\cos(\theta)$

1.0

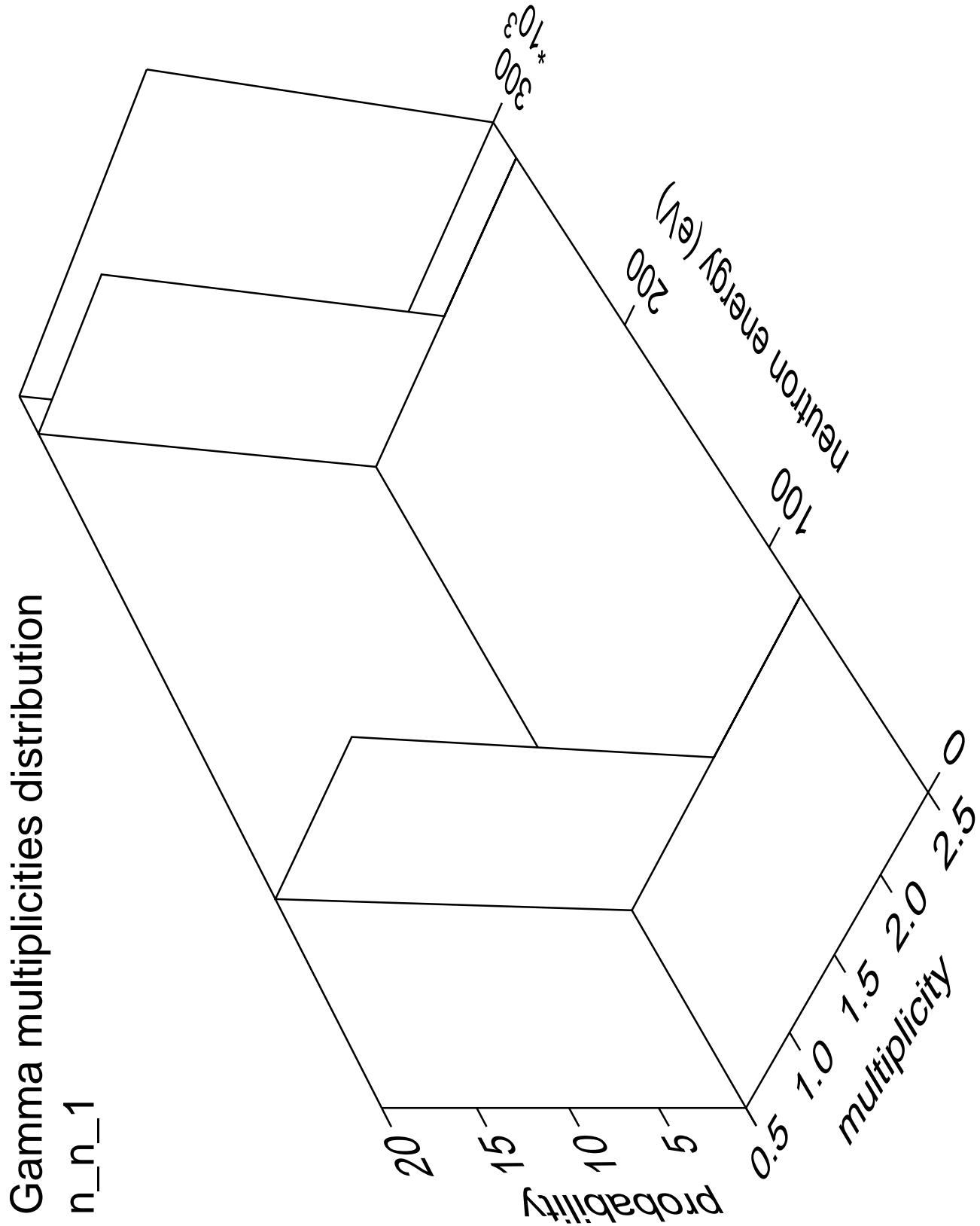
0.5

0.0

-0.5

-1.0





Gamma energy distribution

n_n_2

100

50

0

Probability

gamma energy (MeV) 0 5 10 15 20

Neutron energy (eV)

563.703

Gamma angles distribution

n_n_2

Probability

10^0

1.0

0.5

0.0

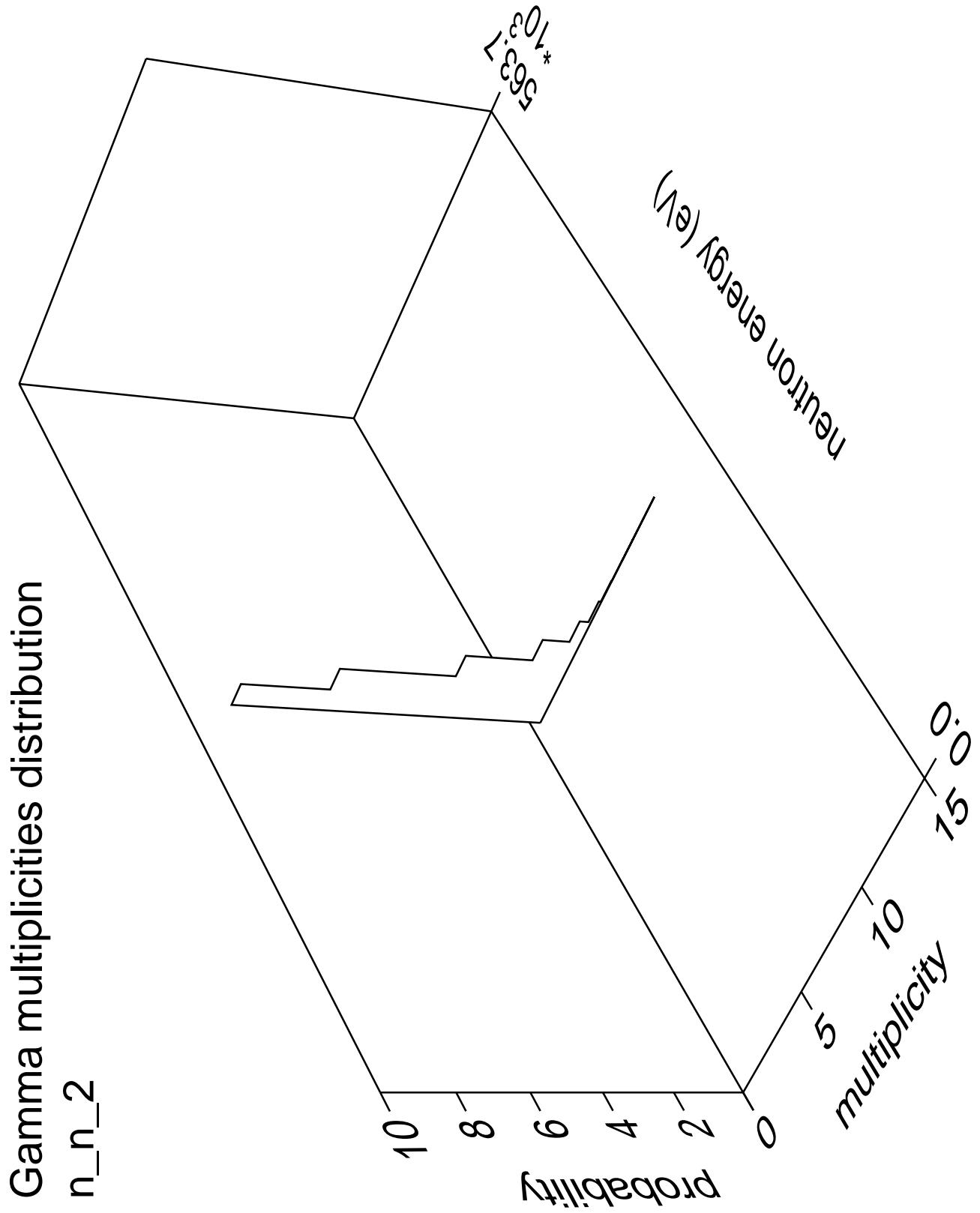
$\cos(\theta)$

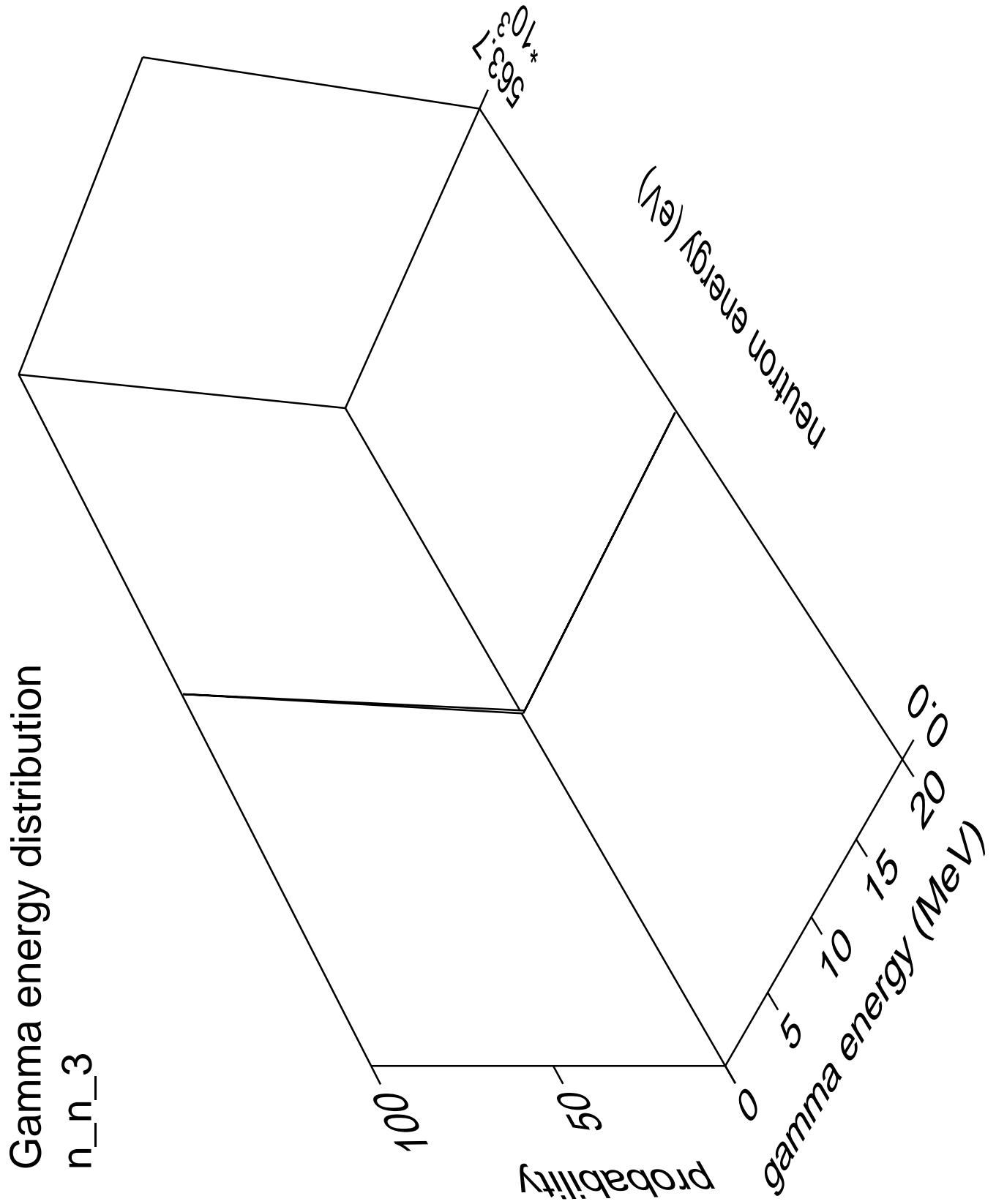
1.0 0.5 0.0 -0.5 -1.0

neutron energy (eV)

10^3

563.7





Gamma angles distribution

n_n_3

Probability

10^0

1.0

0.5

0.0

$\cos(\theta)$

1.0 0.5 0.0 -0.5 -1.0

neutron energy (eV)

10^{3.7}
563.7

Gamma multiplicities distribution

n_n_3

6

4

2

0

Probability

5

10

15.0

multiplicity

$\langle n_n \rangle = 3.0$

Neutron energy (eV)

n_n_4

